



CITY AND BOROUGH OF PIETERMARITZBURG

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF  
HEALTH

For the Twelve Months  
1st JULY, 1942 to 30th JUNE, 1943.

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CITY AND BOROUGH OF PIETERMARITZBURG.

PUBLIC HEALTH DEPARTMENT

PIETERMARITZBURG.

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REPORT OF THE MEDICAL OFFICER OF  
HEALTH ON THE PUBLIC HEALTH &  
SANITARY CIRCUMSTANCES OF THE CITY  
AND BOROUGH OF PIETERMARITZBURG FOR  
THE YEAR ENDED JUNE 30TH, 1943.

BY

M. MAISTER, B.A., M.B., Ch.B., D.P.H.

MEDICAL OFFICER OF HEALTH.





1942-1943.

INTRODUCTORY.

CITY AND BOROUGH OF PIETERMARITZBURG.

PUBLIC HEALTH DEPARTMENT.

To

Madam Mayor  
and Members of the Council of the  
City and Borough of Pietermaritzburg.

Madam and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary Circumstances of the City and Borough of Pietermaritzburg, for the year ended 30th June, 1943.

The birth rate decreased in the European and Coloured population, but increased in the Asiatic population. The death rate increased slightly for Europeans and Coloureds, but dropped for Natives and Asiatics. The incidence of Diphtheria was only slightly higher than last year. The incidence of Puerperal Sepsis increased sharply.

No new Slum clearance action has been taken this year owing to the lack of housing for persons displaced, and only a very few isolated dwellings have been dealt with. No forward steps have been made during the year towards the re-housing of Slum dwellers, and practically no private building has taken place during the year. The housing position in Pietermaritzburg has become very acute.

The European Infantile Mortality rate remained comparatively low, while the Native and Asiatic Infantile Mortality rates improved.

It was not possible during the year to replace any of the trained Health Inspectors absent on Active Service or to fill the vacancy due to the resignation of one Inspector.

Many thanks are due to all members of the Staff for the high level of efficiency which, despite all difficulties, has been maintained throughout the year.

In conclusion I wish to record my appreciation of the support readily given to me at all times by the Mayor and the Chairman and members of the Public Health Committee, and of the cordial co-operation of the various Municipal Heads of Departments.

I have the honour to be,  
Madam & Gentlemen,  
Your obedient servant,

M. MAISTER.

MEDICAL OFFICER OF HEALTH.



I N D E X

<u>REPORT "A"</u>	<u>PAGE</u>
(1) NATURAL CONDITIONS AND STATISTICS. ....	1 - 7
Meteorological Records... ..	1
Leading Vital Statistics ... ..	2
Population ... ..	3
Births ... ..	3
Deaths - Total. ... ..	4
Death Rates. (Abridged List) ... ..	5
Deaths - Seasonal Variations ... ..	6
Deaths - Summary of Causes.. ...	7
(2) INFECTIOUS DISEASE:	8 - 11
Total Notifications & Incidence..	8
Isolation Hospital.. ... ..	9
Non-European Infectious Diseases Hospital	9
Ambulance. ... ..	9
Laboratory Work ... ..	9
Notifiable Infectious Disease:	
(a) Anthrax ... ..	10
(b) Smallpox... ..	10
(c) Diphtheria. ... ..	10
(d) Scarlet Fever... ..	10
(e) Cerebro-Spinal Meningitis ...	10
(f) Anterior Poliomyelitis.. ...	10
(g) Acute Encephalitis.. ... ..	10
(h) Typhus Fever ... ..	10
(i) Enteric Fever... ..	11
(j) Puerperal Sepsis ... ..	11
(3) TUBERCULOSIS... ..	11 - 12
(4) VENEREAL DISEASES ... ..	12 - 14
(5) PLAGUE ... ..	14
(6) OTHER COMMUNICABLE DISEASES... ..	14 - 15
(I) Malaria ... ..	14
(II) Enteritis.. ... ..	15
(III) Measles ... ..	15
(IV) German Measles.. ... ..	15
(V) Whooping Cough.. ... ..	15
(7) WATER SUPPLY... ..	15
(8) NIGHTSOIL AND REFUSE DISPOSAL. ... ..	15
(9) MEAT SUPPLIES... ..	15 - 16
(10) MILK SUPPLIES... ..	16
(11) OTHER FOOD SUPPLIES.. ... ..	17
(12) MATERNITY AND CHILD WELFARE... ..	17 - 18
Infantile Mortality Rate ...	17
Maternal Mortality and)	
Maternal Welfare ) ...	18
(13) BY-LAW NOTICES AND PROSECUTIONS... ..	18
(14) OTHER MATTERS OF HEALTH AND SANITATION.	18 - 20



Index ContinuedPAGE

(14)	OTHER MATTERS OF HEALTH AND SANITATION.	18 - 20
	Nursing Homes ... ..	18
	Complaints from Burgesses.. ..	18
	Medical Examination of Natives	19
	Native Village Dispensary.. ..	19
	State-Aided Butter Scheme.. ..	19
	Health Propaganda. ... ..	19 - 20
(15)	STAFF ... ..	20 - 21
(16)	PERI-URBAN AREAS ... ..	21

REPORT "B"

(1)	HOUSING ... ..	21 - 23
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STATISTICAL APPENDIX

Deaths : Causes in Detail: ... ..	24 - 29
Infantile Mortality.. ... ..	30 - 31
Deaths : Tuberculosis ... ..	32 - 33
Deaths : Cancer.. ... ..	34
Deaths : Bronchitis & Pneumonia ... ..	35
Deaths : Diseases of the Heart ... ..	36
Deaths : Diarrhoea & Enteritis ... ..	37
Enteric Fever & Tuberculosis : Districts of) Residence )	37
Tuberculosis - Clinic : Attendances etc.	38
Venereal Disease : Clinic Attendances..	39 - 42
Epidemic Hospital : Admissions. ... ..	43 - 45
Ante-Natal Treatment of Syphilis ... ..	46
Venereal Disease : Home Visits. ... ..	47
Isolation Hospital : Admissions ... ..	48 - 49
Infant Welfare:	
Clinic Attendances etc ... ..	50
Foodstuffs : Specimens Examined ... ..	51
Foodstuffs : Condemned as Unfit ... ..	52 - 53
Abattoir : Animals Slaughtered. ... ..	54
Abattoir : Meat Condemned. ... ..	54 - 55
Licence Applications... ..	56
Applications under Urban Areas Act.. ..	56
Sanitary Inspections... ..	57 - 58
Disinfection, Fumigation and Disinfestation	58
Prosecutions... ..	59
Condemnation of Premises... ..	59

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CLIMATE AND RATEABLE VALUE.

Latitude - 29 degrees, 36 minutes, 4 seconds south.  
Longitude - 30 degrees, 22 minutes, 46 seconds east.  
Altitude - At Market Square : 2160 feet.

TEMPERATURE AND RAINFALL:

	<u>RAINFALL</u>	<u>ATMOSPHERIC TEMPERATURE</u>			<u>RELATIVE HUMIDITY</u>
	<u>In</u> <u>INCHES</u>	<u>Av. Daily</u> <u>Maximum.</u>	<u>Av. Daily</u> <u>Minimum.</u>	<u>Av. Daily</u> <u>Mean.</u>	<u>Aver. Daily</u> <u>Percentage.</u>
1942.					
July	0.85	73.0	40.6	56.8	71.8%
August	1.57	72.0	48.7	60.3	77.2%
September	1.24	76.9	51.0	63.9	73.3%
October	5.43	78.9	54.7	66.8	75.3%
November	5.71	81.8	61.1	71.4	62.0%
December	7.49	62.0	46.2	54.1	58.2%
1943.					
January	4.60	81.0	46.7	63.8	60.6%
February	3.36	83.3	*	*	68.5%
March	3.20	81.5	59.3	70.4	70.9%
April	10.29	77.5	57.0	67.2	75.6%
May	3.20	70.3	48.0	59.1	84.1%
June	0.83	70.1	40.2	55.1	80.8%
Total :	47.77				* Min. Therm. out of order.

AREA OF MUNICIPALITY : 31,154 acres.

Value of Rateable Property : £7,589,455. 0. 0.

Exempted Property : £3,247,710. 0. 0.

RATES: General -  $3\frac{1}{2}$ d.  
Water -  $\frac{15}{16}$ d.



## CITY AND BOROUGH OF PIETERMARITZBURG.

## LEADING VITAL STATISTICS.

YEAR ENDING 30th JUNE, 1943

	European	Native	Coloured	Asiatic
* POPULATION (Estimated)	20,996	9,124	1,594	9,241
BIRTHS REGISTERED.	454	239	94	500
BIRTH RATE (per 1000 Population)	21.62	26.20	58.97	54.11
ILLEGITIMATE BIRTHS.	13	114	26	11
(Percentage of total births.)	2.86%	47.70%	27.66%	2.27%
DEATHS.	207	97	41	122
CRUDE DEATH RATE (Corrected for outward transfers.)	9.86	10.63	25.72	13.20
INFANTILE MORTALITY.				
DEATHS.	16	35	10	34
RATE (per 1000 Births).	35.16	146.44	106.39	68.00
PULMONARY TUBERCULOSIS				
Code No. 015. DEATHS.	5	13	2	16
RATE per 1000 Population.	0.24	1.43	1.26	1.77
TUBERCULOSIS - OTHER FORMS.				
Code Nos. 016-025. DEATHS.	1	1	0	4
RATE (per 1000 Population.)	0.05	0.11	0	0.43
ENTERIC FEVER.				
Code No. 001. DEATHS.	0	1	0	2
RATE (per 1000 Population).	0	0.11	0	0.22
CANCER AND OTHER TUMOURS.				
Code Nos. 100-136. DEATHS.	27	1	3	4
RATE (per 1000 Population.)	1.29	0.11	1.88	0.43
DISEASES OF THE HEART AND CIRCULATORY SYSTEM.				
Code Nos. 350-368. DEATHS.	85	9	10	17
RATE (per 1000 Population.)	4.04	0.99	6.27	1.84
BRONCHITIS AND PNEUMONIA.				
Code Nos. 402-406. DEATHS.	11	15	5	14
RATE per 1000 Population.	0.52	1.64	3.14	1.52

\* (Inmates of Gaols and Hospitals are not included)

BIRTHS AND DEATHS ARE CORRECTED FOR OUTWARD TRANSFERS ONLY.



(1) VITAL STATISTICS

POPULATION:

This is an estimate of the population as at June 30th, 1943. Temporary Visitors, the inmates of the Mental Hospital and Fort Napier Mental Institution, the prisoners in the Gaols and the patients in the hospitals and the Sanatorium are excluded.

	European	Native	Coloured	Asiatic	All Non-Eur.	All Races
Male	9,926	6,116	714	4,728	11,558	21,484
Female	11,070	3,008	880	4,513	8,401	19,471
PERSONS	20,996	9,124	1,594	9,241	19,959	40,955

B I R T H S.

TOTAL BIRTHS REGISTERED.

(1) RESIDENTS.

	<u>Male</u>		<u>Female</u>		<u>Persons</u>			<u>Percentage of illeg. to all births.</u>	<u>Birth rate per 1000 population</u>
	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>	<u>Tot.</u>		
European	232	7	209	6	441	13	454	2.9%	21.6
Native	54	68	71	46	125	114	239	47.7%	26.4 **
Coloured	38	12	30	14	68	26	94	27.7%	59.0
Asiatic	250	5	239	6	489	11	500	2.2%	54.1
All Non-Europ.	342	85	340	66	682	151	833	18.1%	41.7
All Races	574	92	549	72	1123	164	1287	12.8%	31.4

(2) NON-RESIDENTS.

	<u>Male</u>		<u>Female</u>		<u>Persons.</u>			<u>Percentage of Illeg. to all Births.</u>
	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>	<u>Leg.</u>	<u>Illeg.</u>	<u>Total</u>	
European	110	-	138	2	248	2	250	0.8%
Native	255	160	236	152	491	312	803	38.9%
Coloured	11	7	11	4	22	11	33	33.3%
Asiatic	33	1	36	1	69	2	71	2.8%
All Non-Eur.	299	168	283	157	582	325	907	35.8%
All Races	409	168	421	159	830	327	1157	29.1%

The European Birth Rate dropped from 24.66 to 21.6

The Native Birth Rate has increased slightly from 23.19 to 26.4      The Coloured Birth Rate dropped to 59.0 and the Indian Birth Rate increased from 46.87 to 54.1

\*\* This figure should be read in conjunction with the fact that the Native male population numbers twice the Native female population.



DEATHS

TOTAL DEATHS REGISTERED

(1) RESIDENTS.

	Male		Female		PERSONS	
	Deaths	Rate per 1000 Male Population	Deaths	Rate per 1000 female Population.	Deaths	Death Rate
European	117	11.70	90	8.14	207	9.86
Native	64	10.46	33	10.97	97	10.63
Coloured	20	28.20	21	23.88	41	25.72
Asiatic	72	15.22	50	11.09	122	13.20
All Non-Europ:	156	13.50	104	12.38	260	13.02
All Races	273	12.70	194	9.99	467	11.40

(2) NON-RESIDENTS.

European	:	166
Native	:	626
Coloured	:	39
Asiatic	:	78
All Non-Eur.	:	909
All Races	:	1075

DEATHS. (Page 5 - 7)

The European crude death rate rose slightly from 9.20 to 9.86 . 48% of the deaths occurred in people over 65 years of age.

The Native death rate dropped from 12.40 to 10.63. The Coloured death rate rose from 16.21 to 25.22, while the Indian death rate dropped from 14.23 to 13.2. The death rate for all races was 11.40 as compared with 11.31 for last year.

The following figures indicate the percentage of deaths occurring below the age of 45 in the various races :-

European	:	20%
Native	:	78%
Coloured	:	63%
Asiatic	:	64%

All Non-European : 69%

These figures once again show how much better the expectation of life is for Europeans than for the other classes of the community. The table on page 7 also indicates how that the diseases generally associated with later life, e.g. Cancer, Cerebral Haemorrhage and Cardiac disease, are a much commoner cause of death among Europeans than among Non-Europeans, whilst bowel infections, tuberculosis, and diseases of early infancy, are much more frequently the cause of death amongst Non-Europeans.

DEATH RATES (PER 1000 POPULATION) : VARIOUS CAUSES .....



DEATH RATES (PER 1000 POPULATION) : VARIOUS CAUSES  
ABRIDGED LIST (5th Decennial Revision)

RESIDENTS ONLY.

	European		Native		Coloured		Asiatic		All Non-Europeans		All Races.	
.Typhoid	-	-	1	0.11	-	-	2	0.22	3	0.15	3	0.01
.Plague	-	-	-	-	-	-	-	-	-	-	-	-
.Meningococcal												
.S.Meningitis.	-	-	1	0.11	-	-	-	-	1	0.05	1	0.02
.Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-
.Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-
.Diphtheria	1	0.05	-	-	-	-	-	-	-	-	1	0.02
.Pulm. T.B.	5	0.24	13	1.43	2	1.26	16	1.73	31	1.55	36	0.88
.T.B.Non-Pulm.	1	0.05	1	0.11	1	0.63	3	0.33	5	0.25	6	0.15
.Leprosy	-	-	-	-	-	-	-	-	-	-	-	-
.Malaria	-	-	-	-	-	-	-	-	-	-	-	-
.Syphilis	1	0.05	1	0.11	1	0.63	-	-	2	0.10	3	0.07
.Influenza	2	0.10	-	-	-	-	2	0.22	2	0.10	4	0.10
.Smallpox	-	-	-	-	-	-	-	-	-	-	-	-
.Measles	-	-	-	-	-	-	1	0.11	1	0.05	1	0.02
.Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-
.Cancer	27	1.29	1	0.11	4	2.51	5	0.54	10	0.50	37	0.90
.Diabetes	1	0.05	-	-	1	0.63	-	-	1	0.05	2	0.05
.Cerebral Haemorrhage etc.	15	0.72	3	0.33	-	-	6	0.65	9	0.45	24	0.59
.Cardiac Disease	66	3.15	9	0.99	7	4.39	16	1.73	32	1.60	98	2.39
.Oth.Dis.of Circulatory System.	18	0.86	-	-	3	1.88	2	0.22	5	0.25	23	0.56
.Bronchitis & Pneumonia.	11	0.53	16	1.76	5	3.14	14	1.52	35	1.75	46	1.12
.2.Miner's Phthisis without T.B.	-	-	-	-	-	-	-	-	-	-	-	-
.3.Miner's Phthisis with T.B.	-	-	-	-	-	-	-	-	-	-	-	-
.4.Oth.Respiratory diseases.	2	0.10	-	-	-	-	4	0.43	9	0.45	11	2.71
.5.Ulcer of Stomach & duodenum	2	0.10	-	-	-	-	-	-	-	-	2	0.49
.6.Diarrhoea & enteritis.(Under 2 years.)	-	-	13	1.43	1	0.63	9	0.98	23	1.15	23	0.56
.7.Appendicitis	1	0.05	-	-	-	-	-	-	-	-	1	0.02
.8.Dis.of Liver Biliary passages	1	0.05	-	-	-	-	3	0.33	3	0.15	4	0.10
.9.Nephritis.	9	0.43	2	0.22	2	1.26	-	-	4	0.20	13	0.32
.0.Puerperal Sepsis	-	-	-	-	-	-	-	-	-	-	-	-
.1.Oth.Dis.of pregnancy &c.	-	-	2	0.22	-	-	1	0.11	3	0.15	3	0.07
.2.Cong.Malformations & Dis.of early Infancy.	9	0.43	11	1.21	4	2.51	12	1.30	27	1.35	36	0.88
.3.Suicide.	-	-	-	-	-	-	2	0.22	2	0.10	2	0.05
.4.Other Violent deaths.	4	0.19	6	0.66	2	1.26	3	0.33	11	0.55	15	0.37
.5.Oth.defined causes.	27	1.23	17	1.87	7	4.39	18	1.95	42	2.11	69	1.69
.6.Causes ill-defined.	4	0.19	-	-	1	-	3	0.33	4	0.20	8	0.20
Total :	207	9.86	97	10.63	41	25.72	122	13.20	260	13.02	467	11.40

SEASONAL OCCURRENCE OF DEATHS

AMONG RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eur		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July 1942	14	: 13	: 27	6	: 4	: 10	4	: -	: 4	12	: 7	: 19	22	: 11	: 33
August	8	: 4	: 12	9	: 2	: 11	1	: -	: 1	4	: 4	: 8	14	: 6	: 20
September	12	: 6	: 18	4	: 4	: 8	1	: 4	: 5	7	: 3	: 10	12	: 11	: 23
October	12	: 5	: 17	4	: -	: 4	2	: 1	: 3	3	: 5	: 8	9	: 6	: 15
November	14	: 7	: 21	4	: 2	: 6	3	: 2	: 5	12	: 1	: 13	19	: 5	: 24
December	12	: 6	: 18	6	: 2	: 8	2	: 2	: 4	5	: 4	: 9	13	: 8	: 21
January	7	: 10	: 17	7	: 4	: 11	2	: 2	: 4	6	: 6	: 12	15	: 12	: 27
February	4	: 5	: 9	4	: 2	: 6	2	: 2	: 4	4	: 3	: 7	10	: 7	: 17
March	5	: 13	: 18	7	: 2	: 9	1	: 2	: 3	4	: 4	: 8	12	: 8	: 20
April	6	: 9	: 15	4	: 6	: 10	-	: 2	: 2	5	: 1	: 6	9	: 9	: 18
May	10	: 5	: 15	3	: 4	: 7	1	: 2	: 3	6	: 9	: 15	10	: 15	: 25
June 1943	13	: 7	: 20	6	: 1	: 7	1	: 2	: 3	4	: 3	: 7	11	: 6	: 17
Total:	117	: 90	: 207	64	: 33	: 97	20	: 21	: 41	72	: 50	: 122	156	: 104	: 260

DEATHS OF RESIDENTS GIVEN IN

AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-Eur		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 yr	7	: 9	: 16	21	: 14	: 35	5	: 5	: 10	21	: 13	: 34	47	: 32	: 79
1 "	1	: 1	: 2	7	: 3	: 10	0	: 0	: 0	3	: 0	: 3	10	: 3	: 13
2- yrs	1	: 3	: 4	2	: 2	: 4	0	: 1	: 1	2	: 1	: 3	4	: 4	: 8
5-14 "	3	: 1	: 4	3	: 0	: 3	2	: 2	: 4	4	: 2	: 6	9	: 4	: 13
15-24 "	4	: 0	: 4	2	: 4	: 6	2	: 1	: 3	3	: 8	: 11	7	: 13	: 20
25-34 "	4	: 2	: 6	2	: 4	: 6	1	: 4	: 5	5	: 7	: 12	8	: 15	: 23
35-44 "	2	: 3	: 5	8	: 4	: 12	2	: 1	: 3	6	: 2	: 8	16	: 7	: 23
45-54 "	10	: 6	: 16	10	: 2	: 12	1	: 3	: 4	6	: 5	: 11	17	: 10	: 27
55-64 "	18	: 17	: 35	5	: 0	: 5	4	: 2	: 6	11	: 7	: 18	20	: 9	: 29
65-74 "	33	: 14	: 47	3	: 0	: 3	1	: 1	: 2	7	: 2	: 9	11	: 3	: 14
75 & Over	34	: 34	: 68	1	: 0	: 1	2	: 1	: 3	4	: 3	: 7	7	: 4	: 11
Total:	117	: 90	: 207	64	: 33	: 97	20	: 21	: 41	72	: 50	: 122	156	: 104	: 260



(1) Vital Statistics cont'd.SUMMARY OF CAUSES OF DEATH

(Classified into groups and expressed as Percentages).

RESIDENTS ONLY.

	European 207	Native 97	Coloured 41	Asiatic 122
Enteritis and Diarrhoea (under 2 yrs.)	- : -	13 : 13.41	1 : 2.44	9 : 7.38
Acute Exanthemata	- : -	2 : 2.06	- : -	4 : 3.28
Tuberculosis (all forms)	6 : 2.90	14 : 14.44	3 : 7.32	19 : 15.58
Syphilis.	1 : 0.48	1 : 1.03	1 : 2.44	- : -
Other Parasitic Infec- tious Diseases	3 : 1.45	4 : 4.13	1 : 2.44	1 : 0.82
Respiratory Disease (Non-Tuberculous)	13 : 6.28	16 : 16.51	5 : 12.20	18 : 14.76
Congenital Malformations and diseases of early infancy.	9 : 4.35	11 : 11.34	4 : 9.76	12 : 9.84
Deaths from Violence	4 : 1.93	6 : 6.18	2 : 4.88	3 : 2.46
Nephritis	9 : 4.35	2 : 2.06	2 : 4.88	- : -
Cancer	27 : 13.05	1 : 1.03	4 : 9.76	5 : 4.10
Cardiac Disease and Other Diseases of Circulatory System	84 : 40.60	9 : 9.28	10 : 24.40	18 : 14.76
Cerebral Haemorrhage	15 : 7.25	3 : 3.10	- : -	6 : 4.92
Other Causes	- : 17.36	- : 15.43	- 26.5	- : 22.1

TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE.RESIDENTS ONLY. (See page 49 for list of alterations of Diagnosis)

	European	Native	Coloured	Asiatic	All Non-European	All Races
Enteric Fever	7	2	1	9	12	19
Pulmonary Tuberculosis	8	29	2	27	58	66
Tuberculosis - Other Forms.	1	3	4	2	9	10
Scarlet Fever	58	-	-	-	-	58
Diphtheria	31	5	2	1	8	39
Murine Typhus Fever	1	-	-	-	-	1
Gonococcal Ophthalmia	-	1	1	-	2	2
Ophthalmia Neonatorum	1	-	1	-	1	2
Erysipelas	2	-	-	-	-	2
C.S. Meningitis	1	1	1	1	3	4
Puerperal Sepsis	5	2	1	7	10	15
Acute Encephalitis	1	-	-	-	-	1
Anterior Poliomyelitis	5	-	-	-	-	5
Leprosy	-	3	-	-	3	3
Lead Poisoning	-	-	-	1	1	1
Total :	123	44	13	48	105	228

INCIDENCE per 1,000 POPULATION.

	European	Native	Coloured	Asiatic	All Non-European	All Race
Enteric Fever	7 : 0.33	2 : 0.22	1 : 0.63	9 : 0.98	12 : 0.60	19 :
Pulmonary T.B.	8 : 0.38	29 : 3.19	2 : 1.26	27 : 2.93	58 : 2.90	66 :
T.B. Other forms	1 : 0.05	3 : 0.33	4 : 2.51	2 : 0.22	9 : 0.45	10 :
Scarlet Fever	58 : 2.65	- : -	- : -	- : -	- : -	58 :
Diphtheria	31 : 1.48	5 : 0.55	2 : 1.26	1 : 0.11	8 : 0.40	39 :
Murine Typhus Fever	1 : 0.05	- : -	- : -	- : -	- : -	1 :
Gonococcal Ophthalmia	- : -	1 : 0.11	1 : 0.63	- : -	2 : 0.10	2 :
Ophthalmia Neonatorum	1 : 0.05	- : -	1 : 0.63	- : -	1 : 0.05	2 :
Erysipelas	2 : 0.10	- : -	- : -	- : -	- : -	2 :
C.S. Meningitis	1 : 0.05	1 : 0.11	1 : 0.63	1 : 0.11	3 : 0.15	4 :
Puerperal Sepsis	5 : 0.24	2 : 0.22	1 : 0.63	7 : 0.76	10 : 0.50	15 :
Acute Encephalitis	1 : 0.05	- : -	- : -	- : -	- : -	1 :
Ant. Poliomyelitis	5 : 0.24	- : -	- : -	- : -	- : -	5 :
Leprosy	- : -	3 : 0.33	- : -	- : -	3 : 0.15	3 :
Lead Poisoning	- : -	- : -	- : -	1 : 0.11	1 : 0.05	1 :



(2) INFECTIOUS DISEASE

There were 228 notifications of infectious disease, a small increase on the total of 202 recorded for the previous year. (See page 8).

ISOLATION HOSPITAL (EUROPEAN INFECTIOUS DISEASE) (Page 48)

Altogether 334 patients were admitted during the year, 293 Borough and 41 Out-of-Borough. Figures for previous years were:-  
1936-37 : 183; 1937-38 : 215; 1938-39 : 216; 1939-40 : 307;  
1940-41 : 405; 1941-42 : 259.

Cases of Tuberculosis and typhoid fever are provided for at Grey's Hospital - the Provincial Hospital - and the King George V. Hospital for Tuberculosis, in Durban. Europeans needing hospitalisation for Venereal Disease are sent by arrangement to Addington Hospital, Durban.

NON-EUROPEAN INFECTIOUS DISEASE HOSPITAL (Page 48)

This hospital was opened in August 1942, and all Non-Europeans are now admitted to this hospital. Admissions totalled: 252, 134 Borough, and 118 Out-of-Borough Cases.

AMBULANCE.

The following figures have been furnished by the courtesy of the City Engineer:-

- (1) Total number of cases removed : 2,796
- (2) Infectious Cases Removed : 1,065

LABORATORY WORK.

Laboratory work done by the Pathologist, Dr.D. Cowie:-

Swabs for Diphtheria Bacilli .....	216
Swabs for Haemolytic Streptococci .....	90
Smears for Gonococcus, Vincents, etc., .....	13
Blood (Total and Differential Counts, Malaria etc.)	17
Spinal Fluids .....	12
Stools .....	57
Urines (Chemical, T.B., B.Typhosus, etc.) .....	42
Sputum (Tuberculosis, Fungus) .....	9
Pleural Fluid, Pus, Gastric Washings (for T.B. etc.) .....	5
Milks for Bacterial Count .....	171
Total :	<u>632</u>

Work done in Departmental Laboratory :-

Mosquito larvae examined : 3,500

Mosquito adults examined : 30



(2) Infectious Disease cont'd.NOTIFIABLE INFECTIOUS DISEASE

(a) ANTHRAX. No cases notified. (See page 16, for Anthrax in Catt

(b) SMALLPOX. No cases notified. Cases were reported in the Northern Natal areas and in Durban. Again this year cases of Smallpox have come into Pietermaritzburg and attended Grey's Hospital Out-Patients Department which is always crowded with patients. The danger of spread of infection from these cases is very obvious. On discovery immediate action was taken to vaccinate all the contacts in the Out-Patients Department and no secondary cases occurred.

5 cases of Smallpox were admitted to the Epidemic Hospital from the Edendale area, and one from the Table Mountain Area. This Department was forced to isolate these patients, who came from outside of the Borough, in make-shift accommodation, which forms a portion of the Epidemic Hospital, which is now used as a Venereal Disease Hospital.

As cases of smallpox were admitted in the same way during the preceding year and are likely to be encountered again in the future, this Department recommended to the Council the establishment of proper facilities for the treatment of Smallpox cases, and this recommendation was finally disapproved by the Union Health Department. There are no other facilities for hospitalisation of Formidable Epidemic Disease in this Area.

The immunity of Pietermaritzburg from visitations of Smallpox will depend entirely upon maintaining a high proportion of vaccinated persons in the community at all times. Vaccination of Natives is carried out by this Department at the Pass Office (See page 18). It is regretted from the point of view of vaccination that so few Native Women come up to the Pass Office for examination, for at present the smallpox focus in Natal appears to be entirely amongst the Natives.

(c) DIPHTHERIA. The total number of cases notified was 39 as compared with 31 for last year, and 29 the year prior to that. 1 European death occurred from this disease. As anticipated in last year's report the drop in incidence was not sustained. Immunisation, particularly of pre-school children, was continued throughout the year, a total of 450 children having completed the immunising course at the Infant Clinics (412 of these being Europeans). Until about three quarters of the child population of Pietermaritzburg is immunised (a goal we are still far from attaining) there is not likely to be any sensational decrease in the incidence of this disease.

(d) SCARLET FEVER. 58 Cases were notified as compared with 35 last year.

(e) CEREBRO-SPINAL MENINGITIS. 1 European, 1 Coloured, 1 Native and 1 Asiatic case were notified, as compared with 6 cases notified during the previous year.

(f) ANTERIOR POLIOMYELITIS. 5 European cases were notified. No point of contact could be demonstrated between the cases.

(g) ACUTE ENCEPHALITIS. 1 case was notified.

(h) TYPHUS FEVER. 1 case was notified, which clinically and serologically appeared to be one of Murine Typhus Fever. The source of infection could not be found in this case.

(i) ...../



(2) Infectious Disease cont'd.

- (i) ENTERIC FEVER. 19 cases were notified, 7 Europeans and 12 Non-Europeans, a decrease from last year's total of 28.

In 1 European and 1 Non-European case bacteriological or Post Mortem confirmation of the diagnosis was not obtained. In 2 European and 2 Non-European cases the infection was probably contracted outside of the Borough.

Immunisation was performed in 39 cases, 5 Native, 34 Asiatic. The method employed was 2 injections of Endotoxoid (S.A.I.M.R.) in the case of the Asiatics, and the Issue of Besredka Pills in the case of the Natives.

- (j) PUERPERAL SEPSIS. 15 cases were notified, 5 European and 10 Non-European, a sharp increase on last year's total of 6. 8 of these patients were delivered in Hospital or Nursing Home and 7 in their homes. In the first group complications were present in 5 cases (Forceps delivery, Craniotomy, Eclampsia, Perineal tears (2 cases) ); in the second group, 3 cases (2 cases Perineal tears, 1 retained Chorion), presented complications.

The method of Terminal disinfection for Infectious Disease usually employed, viz. the use of a Formalin spray, has been discontinued owing to the impossibility of obtaining Formalin under present conditions. Householders are asked to practise simple cleansing, to leave the rooms vacant for 24 hours, and to sun and air mattresses, blankets, etc. No single case of infection that can be ascribed to the cessation of Formalin disinfection has come to the notice of this Department.

(3) TUBERCULOSIS. (Pages 32-33)

Notifications of Pulmonary Tuberculosis totalled 66, an increase on last year's total of 54, 6 of these being Europeans. Notifications of non-Pulmonary Tuberculosis totalled 10 (1 European) as compared with the previous year's total of 18.

The new Tuberculosis block of 24 beds for Non-Europeans, part of the new Non-European Infectious Disease Hospital of 36 beds, was opened to receive patients on August 1st, 1942, and 43 Borough Cases were admitted, 22 Native, 6 Coloured and 15 Asiatic.

The scheme of subsidising rentals in Tubercular families at the Native Village, where a larger house was necessary to ensure the isolation of the infectious case in the home, continued during the year, and 4 families have been assisted in this way. Close control by the Native Health Assistant is maintained to ensure that isolation is observed.

During the year 67 Borough cases were admitted to Hospital (7 European, 29 Native, 6 Coloured and 25 Asiatic), 13 of these being admitted direct from the Clinic. Of these 7 cases were sent to the King George V Hospital for Tuberculosis, in Durban, (4 Europeans and 3 Asiatics), while one case is awaiting admission.

The Natal Anti-Tuberculosis Association made grants to 7 families in Pietermaritzburg (3 Coloured, 2 Asiatic and 2 Native), to enable the breadwinner to accept hospital treatment.

The following tables illustrate the trend in notifications and deaths from this disease over the period 1934 - 1943.

PULMONARY TUBERCULOSIS...../



(3) Tuberculosis cont'd.

## PULMONARY TUBERCULOSIS

	N O T I F I C A T I O N S					D E A T H S				
	Eur:	Nat:	Col:	As:	All Non-Eur:	Eur:	Nat:	Col:	As:	All Non-Eur:
1934-35	7	35	12	31	78	4	25	7	8	40
1935-36	17	38	15	32	85	2	14	3	12	29
1936-37	8	40	8	20	68	4	18	7	17	42
1937-38	17	40	15	14	69	7	29	7	7	43
1938-39	15	40	15	10	65	5	19	6	8	33
1939-40	7	23	7	17	47	4	15	7	9	31
1940-41	7	13	11	7	31	3	19	1	6	29
1941-42	8	22	6	18	46	5	9	1	15	25
1942-43	8	29	2	27	58	5	13	2	16	31

## NON-PULMONARY TUBERCULOSIS

	N O T I F I C A T I O N S					D E A T H S				
	Eur:	Nat:	Col:	As:	All Non-Eur:	Eur:	Nat:	Col:	As:	All Non-Eur:
1934-35	1	4	0	3	7	2	6	0	1	7
1935-36	3	3	1	6	10	1	2	0	2	4
1936-37	2	8	0	5	13	1	4	0	3	7
1937-38	5	10	3	6	19	3	1	2	3	6
1938-39	1	3	0	3	6	0	2	0	2	4
1939-40	2	3	1	3	7	1	2	1	0	3
1940-41	3	2	0	3	5	2	1	0	0	1
1941-42	2	7	2	7	16	1	3	1	3	7
1942-43	1	3	4	2	9	1	1	1	3	5

The Tuberculosis Clinic (Page 38)

The routine examination of all contacts of every case of Tuberculosis notified is one of the most important functions of the Clinic and is aimed at detecting early cases and so preventing the development and spread of the disease. During the year there were 987 attendances at the clinic while 1985 visits were made to tuberculous and contacts in their homes.

(4) VENEREAL DISEASE. (Pages 32 - 47)

(a) Clinics for Europeans, separate for males and females, are held once weekly at Grey's Hospital.

(b) One combined Clinic session is held for all Non-European Races (Native, Coloured and Asiatic) weekly, separate for males and females, and these are also conducted at Grey's Hospital.

(c) The Assistant Medical Officer of Health conducts these Clinics as part of his duties in this Department, and is assisted by the Medical Officer of Health at the Non-European Female Clinic session, which is a very large clinic. One European Health Visitor, 2 Native Nurses, 1 Native Orderly and 3 Native Health Assistants, assist at the Female Clinics, while 2 European Male Assistants and 4 Native Health Assistants assist at the Male Clinics. Two of the Native Health Assistants devote their full time to Venereal Diseases. One European Male, One Native Nurse and One Native Orderly are from the Staff of the Non-European Venereal Disease Hospital.

(d) ...../



(4) VENEREAL DISEASE CONT'D.

(d) Every effort is made to trace contacts and to follow-up cases to ensure completion of treatment. In Europeans this is chiefly done by letter, as no staff is available for this work. In Non-Europeans, the Native Health Assistant does this work very successfully amongst Natives, both male and female, but less so amongst Coloured and Asiatics, and it would seem now after considerable experience with these races, that a Native Health Assistant cannot secure the co-operation and goodwill of the Coloured and Asiatic sufferers from this disease, which is necessary for effective control. This Department has therefore decided to appoint a European Health Visitor for full time Venereal Disease Work in European, Coloured and Asiatic cases, and it is hoped that this experiment will succeed as it appears to have done in the United States of America.

The chief propaganda work carried out by this Department is by word of mouth by the Health Assistants, who also distribute pamphlets provided by this Department. Systematic weekly talks are given by the Native Health Assistants to the patients at the Venereal Disease Hospital. The film "The Two Brothers" has been shown to Native audiences. About 80 Venereal Disease Posters for Natives (supplied by the Red Cross Society) have been distributed amongst large employers of labour in Pietermaritzburg, for exhibition. The Medical Officer of Health spoke on Venereal Disease, with special reference to Prostitution, to the Annual Meeting of the Institute of Race Relations held in Pietermaritzburg in 1943.

(e) This Local Authority does not conduct the Ante-Natal Clinics held in Pietermaritzburg. The Medical Superintendent advises that in 18% of the Non-Europeans attending Ante-Natal Clinics at Grey's Hospital, the W.R. was found to be positive (1939). In the period June 1941 - May 1942, the percentage was 15.46%, and in the period June 1942 - May 1943 it was 15.14%.

(f) The average attendance of patients suffering from venereal disease at the Clinics, taken over the period 1939-1941 was as follows:-

EUROPEAN				NATIVE				COLOURED				ASIATIC			
Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
8.4	15.4	9.4	11.1	9.2	8.3	6.1	7.0	5.1	8.7	13.7	6.8	7.8	4.9	6.2	4.2

These figures are derived from an analysis of the Clinic records and do not take into account patients still undergoing treatment, but only includes patients who have completed their treatment and have been discharged, or who have ceased treatment of their own accord.

(g) Clinics for all races are held weekly at Grey's Hospital and a big increase in attendances has been recorded, there being 14,049 attendances during the year as compared with last year's total of 11,590. The Non-European Health Assistants continue to do good follow-up work and 1,930 home visits were paid to Non-European cases of venereal disease, as compared with last years total of 1,629. The regular attendance of many of the patients, extending in many cases through 5 and 6 courses of treatment, is largely due to the follow-up work of these Native Health Assistants.



(4) Venereal Disease cont'dEPIDEMIC HOSPITAL (Non-European V.D.)

Admissions to this Hospital totalled 1,505 as compared with 1,710 last year.

A number of Syphilitic cases were re-admitted for relapse, who came in from the country districts and stated that they had been unable to continue with regular treatment, although they had been taught the necessity for this at the Epidemic Hospital, because, though they have applied for further treatment, they have not been able to afford the cost of such further treatment. There is urgent need to provide for free continuation treatment in the country districts in order to prevent relapse into an infectious condition again. There is every hope that the investigations into rapid methods of intensive treatment which are being carried out at present will shortly reveal a safe and effective method of producing complete cure during a reasonable period of hospitalisation, and this will without doubt be of the greatest value in the control of this disease.

(5) PLAGUE.

No case of plague occurred in this locality during the year. Regular inspection of new shops and warehouses in the course of erection has been carried out and their rodent-proofing has been supervised very carefully by this Department. Some progress has also been made in the rodent-proofing of existing premises.

This Department has now no specially experienced rodent inspector, but the Health Inspectors are familiar with anti-rodent work and the use of Cyanogas. This Department has one Cyanogas Pump in good order. The Commonage has not been examined during this year. There is one Mill and two Grain Stores in Pietermaritzburg though many stores do carry small stocks. The rodents commonly found in houses and stores are Rattus Rattus, Mus Musculus, Mus Rattus and Rattus Norvegicus (arranged in descending order of frequency). Every opportunity is taken, e.g. when new licences are applied for and where rodent infestation is noted in existing stores, to have the premises rodent-proofed. During the year trapping and poisoning have been carried out on a small scale only in the town.

(6) OTHER COMMUNICABLE DISEASES:

- (I) MALARIA. Control by spotting, oiling of selected areas and house spraying in order to identify adult mosquitoes, has again been carried out during the year in the Borough. The newly formed Local Health Commission has now undertaken the control work in the Peri-Urban Areas formerly carried out by this Department. Malarial mosquito vectors were discovered inside the Borough on one occasion in the Mountain Rise Area. Oiling and check spraying was immediately intensified and no new infections of malaria occurred within the Borough. The presence of numbers of sufferers from Malaria within the Borough due to the presence of military forces, undoubtedly makes malaria a very real danger to the City and its prevention will require increased vigilance. An unusually wet winter such as just experienced, will increase considerably the conditions favourable to the breeding of A. Gambiae in Pietermaritzburg.

Tree planting of swampy areas was continued and the trees are progressing well. Drainage work has been carried out in certain areas, subsoil drains being laid where-ever possible.

Check spraying of dwellings was carried out throughout the season, a total of 14 rooms in all being treated.

(II) ENTERITIS...../



(6) Other Communicable Diseases cont'd.

(II) ENTERITIS in children under the age of two years accounted for 23 deaths - 13 Native, 1 Coloured and 9 Indian, a big drop from last years total of 37.

(III) MEASLES. There was a considerable prevalence of Measles in Pietermaritzburg during the year. 124 cases were treated in the Isolation Hospital, 9 coming from Out-of-Borough. 50 Cases were admitted to the Non-European Infectious Diseases Hospital, 19 being from Out-of-the-Borough. 1 Asiatic death was reported from this disease. A large proportion of the European cases were admitted from boarding schools and hotels, etc. Practically every Native case admitted to Hospital was suffering from a complicating Pneumonia. (See table on Page 48).

(IV) GERMAN MEASLES. This disease was only slightly prevalent this year and was as usual mild and uncomplicated.

(V) WHOOPING COUGH. This disease was not very prevalent during the year. No deaths were reported.

(7) WATER SUPPLY. (See page 51).

The water supply of Pietermaritzburg is under the control of the City Engineer's Department. It is derived from streams coming from hilly country lying to the west of the Town. From the Storage Dam at Henley the water is piped to the Purification Works, where it is treated with Ammonium Sulphate, Lime, and Alumina-ferric before filtration. After filtration the water is chlorinated before being distributed to the four service reservoirs.

The supply from the Purification Works and each of the service reservoirs has been bacteriologically examined each week by the bio-chemist in charge of the Purification Works, and the results have been satisfactory. The use of Chloramine for water purification was not resumed because of difficulty in procuring Ammonium Sulphate. All employees at the Purification Works have been Vi tested and all positives have been excluded. All new employees will be Vi tested in future before employment.

(8) NIGHTSOIL AND REFUSE DISPOSAL.

The administration of this work is in the hands of the City Engineer. The greater part of the town and suburbs is served by water-borne sewage which has been extended during the year, although the conservancy system is still in use in certain outlying parts. Disposal is on the sewage farm about 3 miles from the centre of the town where broad irrigation is carried out and the screenings and nightsoil are trenched.

(9) MEAT SUPPLIES (Pages 54-55)

All slaughtering is carried out at the Municipal Abattoir, which is under the direct control of this Department. Butchers' shops are periodically inspected to ensure that they are satisfactory and that no meat which does not bear the Municipal stamp is exposed for sale. 92 Inspections of butchers' shops were made. A list of meat, fish and fowl condemned after inspection is shown on pages 52-53.

There were 22 applications for Butchers licences, 20 were approved without comment and 2 were approved after certain requirements had been carried out.

The Abattoir Manager reports that during the year 91,089 animals were slaughtered, i.e. only slightly below last years record total of 93,458, due to supplying the needs of the Military Camps and Hospitals in Pietermaritzburg, and the supplying of a portion of the needs of Troop Convoys calling at Durban. For details see pages...../



(9) Meat Supplies cont'd.

Pages 54 and 55.

Anthrax, etc.

During the year one ox brought into the Abattoir premises died shortly afterwards, the cause of death being established as Anthrax. The balance of the consignment was quarantined on an outlying farm, and 2 animals subsequently died of Anthrax. All precautions were taken in disposing of the carcass at the Abattoir and in dealing with the premises, and no spread of infection occurred.

Cysticercus Bovis & Cellulosae ("Measles")

The following table shows the number of carcasses infected with "Measles" during the past 5 years :-

	CATTLE			CALVES			PIGS.		
	Slaugh- tered.	% In- fected	% Con- demned	Slaugh- tered	% Con- demned		Slaugh- tered.	% Con- demned	
1938-39	8,427	: 7.21	: 1.28	785	: 5.35		1,862	: 2.41	
1939-40	8,543	: 6.55	: 0.94	893	: 3.47		1,859	: 2.68	
1940-41	9,874	: 7.06	: 1.01	827	: 3.86		1,948	: 0.82	
1941-42	10,843	: 5.88	: 0.91	832	: 4.92		2,514	: 1.47	
1942-43	15,500	: 7.46	: 0.95	701	: 5.56		2,673	: 1.64	

All condemned meat and offal is transported in drums to a privately owned By-Products Plant at Bisley, just outside of Pietermaritzburg.

Butcher shops which are uncontrolled and where the meat supplies are slaughtered without inspection by Health Officials, still exist just outside of Pietermaritzburg. Transport restrictions have reduced the number of persons who proceed to these Butchers to obtain cheap meat, but no doubt the practice will be resumed when these restrictions are removed. The importation of such meat in the Borough for sale is of course prohibited, but no legal powers exist to prevent any person, who is prepared for the sake of cheapness, to consume meat which may be diseased, from fetching such supplies for his own consumption.

(10) MILK SUPPLIES.

The milk supply has been carefully controlled throughout the year. It is derived from 51 producer-distributors, of whom 36 are in the Borough, and 15 Outside the Borough. In addition to these there are 48 producers who send their milk to a pasteurization plant from where it is distributed after pasteurisation. All these dairymen are registered with this department and their premises are inspected regularly.

There is only one Tuberculin Tested Herd supplying milk into the Borough. Vi testing of dairy employees has been carried out by the Military Authorities in respect of the one milk distributor, and by this Department in one large dairy where a case of Typhoid Fever was discovered. Owing to lack of staff and the impossibility of obtaining glassware for routine testing, this procedure could not be carried out for every dairy.

In the case of the Distributor, 88 Non-European and 4 European bloods were examined and positive results found in 3 cases (Non-Europeans). In these three, repeated examinations of the stool and urine were made but it could not be established that they were actively excreting Typhoid Bacilli.

In the dairy examined 4 out of 30 Natives examined showed a Positive Vi Test. In another group of employees tested at the Water Purification Works, 3 Natives were Positive out of a total of 8 Non-Europeans and 1 European tested. The testing of stools and urines in these cases could not be effected.

(11) OTHER FOOD SUPPLIES...../



(11) OTHER FOOD SUPPLIES (Page 51 )

Inspection of foodstuffs exposed for sale at the Market and elsewhere has been carried out regularly and a considerable quantity of unsound food has been condemned (Pages 52 - 53). Condemned foodstuffs are removed to the refuse tips, made unusable and disposed of by dumping.

Details of all licence applications dealt with by the department, are reflected in the table on page 56. Careful attention is paid to storage conditions and particularly to rodent proofing and there is a gradual improvement in this connection. 299 inspections of the Borough Market and 504 inspections of other premises manufacturing or handling food were made (Page 57)

Food and Drugs Act.

Under the Food, Drugs and Disinfectants Act 57 samples were taken and the results of the analyses were as follows :-

Milk : Total Number of Samples = 52

In accordance with requirements : 22

Deficient in Solids-not-fat : 30

(1) 8% - 8.5% = 28

(2) Below 8% = 2

Ice Cream: 2 samples; in accordance with requirements.

Mince Meat: 3 samples; in accordance with requirements.

Prosecutions were instituted in regard to 2 milk samples, which were certified by the Government Analyst to be adulterated. In respect of sample showing between 8% and 8.5% Solids-not-fat, a letter is written to the dairyman in each case asking him to take steps to improve his milk in this respect.

(12) MATERNITY AND CHILD WELFARE. (50)

The European Infantile Mortality rate showed an increase to 35.16 from last year's record low figure of 19.42.

The Coloured Infantile Mortality rate rose from 70.18 to 106.39.

The Indian rate dropped from 72.94 to 68.0.

The Native Infantile Mortality rate was 146.44. As far as it is possible to ascertain the registration of Native births in Pietermaritzburg is fairly complete now, and the figures obtained in the future should be fairly reliable. This rate is considerably lower than last year's rate of 207.4.

The main causes of infantile mortality in the different races are shown on pages 30 - 31.

Gastro-enteritis, for the first time since 1935 dropped to 2nd place as a cause of Non-European Infantile Mortality, while again no European infantile death was recorded from this cause. The disease is controlled by imparting to mothers the knowledge which will ensure that babies are properly fed and cared for, through the medium of the Infant Clinic sessions and, most important of all, by personal and individual instruction in the home by the Health Visitor.

Lung diseases have been the cause of 18% of the Non-European Infantile Mortality, and 25% of the European Infantile deaths. Prematurity was the cause of 31% of the European Infantile deaths, and 25% of the Non-European Infantile mortality.

Diphtheria...../



(12) MATERNITY AND CHILD WELFARE (Cont'd)

Diphtheria immunisation was continued throughout the year as one of the activities of the Infant Welfare Clinics, a total of 450 children being immunised (European: 412; Coloured: 2; Asiatic: 36.)

Child Welfare Clinic attendances were as follows:-

	<u>European</u>	<u>Native</u>	<u>Coloured</u>	<u>Indian</u>
1942-1943	5,393	3,438	1,258	2,747

Maternal Mortality.

The total maternal mortality (3 deaths) showed a decrease on the previous year's total of 5.

The registration and supervision of all midwives practising in the Borough has continued throughout the year. 7 Inspections of Midwife's Bags have been made.

The Midwifery Training School at Grey's Hospital provides midwifery services both in the wards and in the district, and in addition provides Ante-Natal Clinic services for all races.

The following figures have been supplied by the courtesy of the Medical Superintendent of Grey's Hospital:-

Borough Cases : (From 1st July, 1942 to 30th June, 1943):-

Ante-Natal Clinic Attendances.District Midwifery Visits.

Europeans : 306  
Natives : 716  
Coloureds : 114  
Asiatics : 759

Europeans : 880  
Coloureds : 678  
Asiatics : 3596

District Native confinements are done by the Municipal Native Midwife, who conducted 4 confinements and paid 12 confinement visits during the year.

Pietermaritzburg is now a "Prescribed Area" under Section 39(b) of the Medical, Dental & Pharmacy Act No.13 of 1928, within which no person other than a medical practitioner or a midwife registered under the Act, shall attend any lying-in woman for gain. There is one untrained midwife (an Asiatic) "listed" in Pietermaritzburg, and she conducted 18 confinements in the year.

(13) BY-LAW NOTICES AND PROSECUTIONS. (Pages 57-59)

849 Notices and formal letters were served regarding breaches of the Borough By-Laws. 34 Prosecutions were initiated in the Magistrate Court, as detailed on page 59.

(14) OTHER MATTERS OF HEALTH AND SANITATION.

Nursing Homes. All the nursing homes in the Borough have been inspected during the year.

Complaints from Burgesses. 238 complaints were received and attended to during the year.

Medical Examination of Natives...../



(14) Other Matters of Health and Sanitation Cont'd.Medical Examination of Natives.

Number Examined	<u>Rejected</u> (All Causes)	<u>Rejected</u> (V.D.)	<u>Referred</u> T.B.Clinic	<u>Vacci-</u> <u>nated.</u>
Male : 16,806	347 : 2.1%	110:0.65%	159 : 95%	
Female: 94	11 :11.7%	6:6.4%	3 : 3.2%	
Total: 16,900	358 : 2.12%	116:0.69%	162 : 0.96%	4,499

The small number of Native female domestic servants coming forward for examination is worthy of notice. 6 of these were rejected for Venereal Disease.

Native Village Dispensary.

During the year this Dispensary, which is purely an Out-Patient Department, was conducted by this Department. Three sessions are held each week, attended by the Assistant Medical Officer of Health, while a full-time Native Nurse, who lives at the Village, assists at the Clinic, does the necessary dressings and follow-up, and visits patients in their homes between Clinic visits. This visit is also utilised for the purpose of teaching simple health lessons, e.g. on the subject of cleanliness, nutrition, etc., and the experiment of combining curative and preventive medicine is being carefully watched.

Number of new Patients attending Dispensary : 539  
 Reattendances at Dispensary... : 165  
 Home Visits ... : 4319  
 Surgical Dressings.. : 5100

State-Aided Butter Scheme.

During the year 10,023 lbs. of butter were distributed, 2,678 lbs. to Europeans, 7,345 lbs. to Coloureds.

Health Propaganda.

During the year the following addresses were given by your Medical Officer of Health:-

1. "Public Health" - A lecture and a series of demonstrations on Public Health and Medical Subjects to the Study Group of Senior Scholars of the Natal Schools.
2. "National Health Services" - to the Literary and Social Welfare Society of the Natal University College.
3. Addresses to the Annual General Meetings of
  - (a) The Red Cross Society.
  - (b) The Child Welfare Society.

The following addresses were given by your Assistant Medical Officer of Health:-

1. "The Prevention of Gastro-Enteritis" - address given at Native Village.
2. "Public Health in Relation to Pre-School and School Child" - address to Native Teachers Training Centre.

In addition your Assistant Medical Officer of Health conducted a Red Cross Society Course in "Hygiene and Public Health."

During...../



(14) Other Matters of Health and Sanitation cont'd.Health Propaganda.

During the year a circular was issued to every householder in Pietermaritzburg "Precautions in the Handling of Milk" outlining precautions to be taken, when under the Government Emergency Regulations it became necessary to decant milk from the milk bottle immediately it was delivered in order to return the bottle.

(15) STAFF.

The staff of the Department at the end of June, 1943, was as follows :-

ADMINISTRATIVE AND OFFICE

Medical Officer of Health : M.Maister, B.A., M.B., Ch.B., D.P.H.  
Asst. Medical Officer of Health: L.E.Gellman, M.B., Ch.B., D.P.H.,  
D.T.M. & H.  
Chief Clerk : E. Bastow (Recalled from Active Service).  
Junior Clerk : D.C. Johnston (On Active Service).  
Senior Woman Clerical Assistant : Miss E.M. Hughes.  
Temporary Junior Clerk.  
Temporary Junior Women Clerical Assistants (2).  
One Native Messenger.

INSPECTORATE.

Chief Health Inspector : J.G.Bigley, Cert. R.S.I.  
Health Inspector (Dairy) : C.F. Wyatt, Cert. R.S.I. Meat & Other  
Foods Cert. R.S.I. (On Active Service).  
Health Inspector : R.E. Bunn, Cert. R.S.I.  
Health Inspector : Mrs. E.A. Thompson, Cert. R.S.I.  
Rodent & Fumigation Officer: K.B. Rasmussen. (On Active Service).  
Temporary Rodent and Fumigation Officer.  
One Indian Fumigation Assistant.

HEALTH VISITING STAFF.

Senior Health Visitor : Miss E.M. McDougall, Health Visitors'  
Cert. (Scotland); Health Visitors'  
Cert. R.S.I., Mothercraft Certificate  
(New Zealand)  
Health Visitors : Miss G. Buttery, Health Visitors'  
Cert. R.S.I.  
Mrs. Robertson (nee Holder), Health  
Visitors' Cert. R.S.I.

NATIVE NURSING AND HEALTH ASSISTANT STAFF.

Native Nurse and Midwife : Nurse Mavis Ndlovu  
Native Nurse (Native Village Dispensary) : Nurse Sophia Masongoa.  
Native Health Assistants : Simon P. Yakaza and A. Ntombela.

ISOLATION HOSPITAL...../



(15) Staff cont'dISOLATION HOSPITAL

Matron : K. Higgins.  
 Sister : R.M. Wickenden.  
 Staff Nurse: E.H. Cannell.  
 Probationer Nurse: Vacant.  
 Temporary Staff Nurse.  
 1 Housekeeper.  
 5 Native domestic servants  
 1 Native Night Watchman.

NON-EUROPEAN INFECTIOUS DISEASE HOSPITAL

Matron : C. Searle  
 1 Housekeeper.  
 Native Staff Nurses: 8.  
 Native Domestic Staff: 13.

EPIDEMIC HOSPITAL.

Officer-in-Charge : J.A. Kedian (On Active Service)  
 2 Native Nurses.  
 3 Native Orderlies.  
 1 Native Cook.  
 1 Native Night Watchman.  
 Temporary Officer-in-Charge.  
 Temporary Housekeeper.

ABATTOIR.

Manager : G.B. Lupton, Cert. R.S.I., Meat & Other Foods  
 Cert. R.S.I.  
 Meat Inspector: C.W. Reid, Cert. R.S.I., Meat & Other Foods  
 Cert. R.S.I., (Recalled from Active Service)  
 Stockyard Foreman: G.A. McIntosh, Cert. R.S.I., Meat & Other  
 Foods Cert. R.S.I. (On Active Service.)  
 1 Temporary Meat Inspector (Uncertificated).  
 1 Temporary Clerk.  
 Temporary Stockyard Foreman.

(16) PERI-URBAN AREAS.

The Local Health Commission has continued with the organisation of Public Health Control in the Peri-Urban areas and has gazetted Regulations for the control of the Edendale area. A Medical Officer of Health and Health Inspectorate staff have been appointed and this area should now rapidly show the beneficial effects of control.

REPORT B.(1) HOUSING.

Owing to shortage of staff no re-survey of housing needs in Pietermaritzburg has been possible.

As far as Natives are concerned much has been accomplished and the requirements for Native Housing are now comparatively small. Only a very small proportion of the necessary Asiatic Housing has been provided, and so far no sub-economic housing for the European and Coloured population has been provided. The Council European Economic Housing Scheme of 50 houses in the "Gardens" suburb was completed 2 years ago and is continually fully occupied.

Powers under the Borough by-laws have been exercised very sparingly in dealing with insanitary dwellings owing to present conditions. 6 dwellings were condemned for demolition under Public Health By-Law 19(b) and 1 dwelling was voluntarily demolished following representations by this Department...../



(1) Housing cont'd.

Department. This total of 7 premises dealt with is even less than last year's very small figure of 12.

Plans.

All plans of new buildings are submitted to this Department, and 175 have been scrutinised. Of these 92 were approved out-right, 71 approved subject to minor alterations and 12 disapproved.

The City Engineer reports that during the year 13 dwellings were erected for Europeans and 9 for Non-Europeans, only half of last year's extremely small total of 44 new houses.

(2) HOUSING OF NATIVES, NATIVE OR ASIATIC LOCATIONS OR BARRACKS.

The Pietermaritzburg Native Village, situated about 3 miles from the centre of the town, has been recently extended and now comprises 354 houses and various public buildings, with a population of about 1,700. It is situated on a good slope, the houses are well constructed of brick, and the general lay-out is good. Water is supplied by communal stand-pipes from the Corporation water supply, and sanitation is by the pail system. A considerable amount of work has been done in the provision of kerbing and guttering to streets, and in the hardening of roads.

There are three Corporation hostels for single Natives. For Males there is the East Street Hostel (and annexes) housing 399 Natives, and the Ortman Road Hostel with a capacity of 127. The Women's Hostel in Church Street houses 174 women. These hostels are under the control of the Municipal Native Administration Department and two European Superintendents are employed. Extensions to the Men's and Women's Hostels have been under consideration during the year. 119 temporary licences have been granted during the year to house unexempted Natives under the Natives (Urban Areas) Act, pending the provision of more accommodation at the Village and Hostels.

About two-thirds of the Natives resident in the town are domestic servants, living in quarters provided on the property of their employers. These quarters are the subject of routine inspections by this Department and in general are satisfactory.

ASIATIC HOUSING.

The Corporation owns two compounds which house the sewage farm workers and the scavenging gangs. These compounds are well constructed in brick, and house respectively 32 and 27 Indian labourers, together with their wives and families.

50 sub-economic Indian houses were completed by the beginning of 1940. This scheme was made up of eight, 2 bedroom plus living room houses (letting at a rental of 7/- per week); Thirty-six, 3 bedroom plus living room houses (letting at a rental of 8/- per week), and six, 4 bedroom plus living room houses (letting at a rental of 9/- per week). One of the Health Visitors of the Department acts as Supervisor of this Housing Scheme, the number of houses not warranting a full-time official. All houses have been occupied continuously.

(3) REMARKS AND RECOMMENDATIONS, AND HOUSING MATTERS OF SPECIAL IMPORTANCE REQUIRING ATTENTION.

A re-survey of the European and Coloured housing position was carried out 3 years ago and resulted in the following findings :-

	<u>European</u>	<u>Coloured</u>
Premises requiring Demolition:	7	37
Premises requiring Partial	35	5
Demolition and major reconstruction		

Following.../



(3) Remarks and Recommendations, and Housing Matters of Special Importance  
Requiring Attention. Cont'd.

Following upon Council's application, Loans have been authorised by the Central Housing Board for limited sub-economic Housing Schemes, and the City Council decided to proceed with schemes along the following lines :-

- (1) Provision of 12 European sub-economic cottages.
- (2) Provision of 20 Coloured sub-economic cottages.
- (3) Provision of 50 Asiatic sub-economic homes; the question of a large flat block was being considered in this connection.

The proposal for a Flat Block Scheme for Asiatics was eventually abandoned, but owing to the increasing cost of building, difficulties in obtaining materials, and difficulty in obtaining a suitable site for Coloured housing, again no further progress with any of the schemes was made during the year under review.

The need for housing for all races has increased during the year and the position is very acute, as practically no private building has occurred during the year.

Nine sub-economic houses for European Railway employees were constructed by the Railway Administration, during the year 1940-1941, on land set aside by Council for this purpose.

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DEATHS.

	European				Native				Coloured				Asiatic		
	Residents		N-B		Residents		N-B		Residents		N-B		Residents		P
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	
(1) Infectious and Parasitic Diseases															
001. Typhoid Fever	0	0	0	3	1	0	1	22	0	0	0	1	1	1	2
008. C.S.Meningococcal Meningitis.	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
012. Diphtheria	0	1	1	1	0	0	0	3	0	0	0	0	0	0	0
014. Tetanus	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
Tuberculosis of:-															
015. Respiratory System	4	1	5	3	10	3	13	67	0	2	2	4	10	6	16
016. Central Nervous System.	1	0	1	0	0	0	0	6	0	1	1	0	0	0	0
017. Intestines and Peritoneum	0	0	0	0	0	0	0	2	0	0	0	0	1	1	2
018. Vertebral Column	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
019. Other bones and Joints.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
021. Lymphatic System	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
023. Other Organs	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
024. T.B.Acute Miliary	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
025. T.B.Chronic "	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0
032. Bacillary Dysentery	0	0	0	1	0	0	0	13	0	0	0	0	0	0	0
033. Amoebic Dysentery	0	0	0	0	3	1	4	34	0	1	1	0	0	0	0
Syphilis:-															
040. Locomotor Ataxia	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
041. General Paralysis of the Insane	0	0	0	2	1	0	1	5	0	0	0	3	0	0	0
042. Aneurysm of the Aorta	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
043. Congenital Syphilis	0	0	0	0	0	0	0	10	0	1	1	0	0	0	0
044. Other forms	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
045. Relapsing Fever	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
048. Influenza with Respiratory Complications	2	0	2	1	0	0	0	0	0	0	0	0	0	1	1
049. Influenza without Respiratory Complications	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
052. Measles	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
063. Fleaborne Typhus	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
TOTAL: C/Forward.	8	2	10	14	17	4	21	189	0	5	5	8	13	11	24

\* The Detailed International List of Causes of Death as adapted for use in the Union of South Africa (fifth Decennial Revision by the International Commission) is used. The omission of any cause indicates no deaths were registered for that cause.



## Deaths Continued

	European				Native				Coloured				Asiatic				
	Residents		N-R		Residents		N-R		Residents		N-R		Residents		N-R		
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P	
TOTAL B/Forward	8	2	10	14	17	4	21	18	9	0	5	5	8	13	11	24	20
<u>Cancer and Other Tumours</u>																	
1. Buccal Cavity	3	0	3	1	0	0	0	1	0	0	0	0	0	0	0	0	1
2. Oesophagus	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0
3. Stomach & Duodenum	3	3	6	5	0	0	0	0	0	0	0	0	1	0	1	0	0
4. Rectum	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Liver	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Pancreas	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Other Digestive)																	
8. Gans including )	0	0	0	2	0	0	0	2	0	0	0	1	0	1	1	1	1
9. Peritoneum )																	
10. Larynx	2	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0
11. Lung	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0
12. Uterus	0	3	3	2	0	0	0	1	0	2	2	0	0	1	1	1	0
13. Other Female)																	
14. Vital Organs )	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Breast	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16. Prostate	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0
17. Other Male)																	
18. Vital Organs)	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
19. Urinary Organs	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0
20. Skin	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
21. Brain & Nervous System	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22. Bones	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
23. Other & Unspecified Organs	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	1	1
<u>Tumours of Undetermined Nature.</u>																	
24. Ovaries	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
25. Brain & Other Parts Nervous System.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TOTAL: Group 2	12	15	27	20	0	1	1	11	2	2	4	1	1	4	5	14	14
<u>Rheumatism, Dis. Nutrition etc.</u>																	
26. Acute Rheum. Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
27. Diabetes	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1
28. Dis. of Thymus	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29. Other Dis. of)																	
30. Renal Gland. )	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
31. Malnutrition	0	0	0	0	4	2	6	4	1	0	0	0	2	0	0	0	0
32. Beri-beri	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0
33. Pellagra	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
TOTAL: Group 3	0	1	1	1	5	2	7	4	6	0	1	1	2	0	0	0	3
<u>Diseases of the Blood</u>																	
34. Primary Purpura	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
35. Other Haem. conditions	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
36. Other Hyperchromic Anaemias	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
37. Hypochromic Anaemia	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
38. Unspecified Anaemia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
39. Leukaemic Leukaemia	0	0	0	1	0	0	0	0	2	0	2	0	1	0	1	1	0
40. Erythrocytosis	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
41. Other Disease	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL: Group 4	1	0	1	1	0	0	0	5	2	0	2	0	1	1	2	2	0
TOTAL C/Forward	21	18	39	36	22	7	29	25	1	4	8	12	11	15	16	31	27



## Deaths Continued

	European				Native				Coloured				Asiatic	
	Residents	N-R			Residents	N-R			Residents	N-R			Residents	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F
Total B/Forward	21	18	39	36	22	7	29	251	4	8	12	11	15	16
VI. Diseases of Nervous System.														
300. Intra-cranial abscess	1	0	1	1	0	0	0	0	0	0	0	1	0	0
301. Other forms of Encephalitis	1	0	1	1	0	0	0	0	0	0	0	0	0	0
302. Pneumococcal Meningitis	1	0	1	0	1	0	1	1	0	0	0	0	0	0
303. Other forms of "	1	0	1	1	1	0	1	5	0	0	0	0	0	0
305. Cerebral Haemorrhage	7	5	12	4	0	1	1	9	0	0	0	0	2	2
306. Cerebral embolism and thrombosis	2	1	3	1	1	1	2	1	0	0	0	0	2	0
307. Hemiplegia and other paralysis of unstated origin	0	0	0	1	0	0	0	0	0	0	0	0	0	0
308. Mental Disorders	0	0	0	2	0	0	0	0	0	0	0	0	0	0
309. Epilepsy	0	0	0	4	0	0	0	13	0	0	0	4	0	0
310. Convulsions - Children under 5 years of age	0	0	0	0	0	0	0	0	0	0	0	1	0	2
313. Paralysis Agitans	0	0	0	2	0	0	0	0	0	0	0	0	0	0
315. Other Dis. of the Nervous System	0	1	1	2	0	0	0	0	0	0	0	0	1	0
317. Dis. of ear & Mastoid	0	0	0	0	0	0	0	1	1	0	1	0	0	0
TOTAL : Group 6	13	7	20	19	3	2	5	30	1	0	1	6	5	4
VII. Diseases of the Circulatory System														
350. Pericarditis: Chronic specified as rheumatic	0	0	0	0	0	0	0	1	0	0	0	0	0	0
351. Pericarditis-Others	0	0	0	0	0	0	0	1	0	0	0	0	0	0
352. Acute Endocarditis	1	0	1	4	0	0	0	0	0	0	0	0	0	0
353. Valvular disease - Rheumatic	0	1	1	0	2	0	2	5	0	0	0	0	0	1
354. Valvular disease - others	3	0	3	0	0	0	0	0	0	0	0	0	0	0
355. Acute Myocarditis	0	1	1	2	0	0	0	5	0	0	0	1	1	1
356. Chronic Myocarditis - rheumatic	1	0	1	2	0	0	0	0	0	0	0	2	0	0
357. Chronic Myocarditis - others	16	21	37	16	3	1	4	34	4	1	5	0	5	4
358. Dis. of coronary arteries & angina pectoris	8	11	19	10	2	1	3	5	2	0	2	0	2	1
359. Other Heart Disease- Rheumatic	0	1	1	1	0	0	0	4	0	0	0	0	0	0
360. Other Heart Disease- Not Rheumatic	1	1	1	2	0	0	0	4	0	0	0	0	0	1
361. Aneurysm - except heart and aorta	0	0	0	1	0	0	0	0	0	0	0	0	0	0
362. Arterio sclerosis	4	3	7	1	0	0	0	0	0	1	1	0	1	0
364. Other dis. of arteries	0	0	0	1	0	0	0	0	0	0	0	0	0	0
367. High blood pressure	9	2	11	3	0	0	0	5	0	2	2	0	1	0
368. Other dis. of Circulatory System	0	0	0	0	0	0	0	2	0	0	0	0	0	0
TOTAL : Group 7	43	41	84	41	7	2	9	66	6	4	10	3	10	8
Total C/Forward	77	66	143	96	32	11	43	347	11	12	23	20	30	28



Deaths Continued

	European				Native				Coloured				Asiatic			
	Residents		N-R		Residents		N-R		Residents		N-R		Residents		N-R	
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
al B/Forward	77	66	143	96	32	11	43	347	11	12	23	20	30	28	58	42
L. Dis. of the Respiratory System																
Dis. of Larynx	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Acute Bronchitis	0	0	0	1	0	0	0	3	0	1	1	1	4	1	5	3
Chronic Bronchitis	1	1	2	0	0	0	0	1	0	0	0	0	0	0	0	3
Broncho Pneumonia	4	3	7	7	7	5	12	39	0	1	1	3	6	0	6	6
Lobar Pneumonia	1	0	1	0	3	1	4	18	2	0	2	1	4	0	4	0
Pneumonia Unspecified	0	1	1	1	0	0	0	4	1	0	1	0	0	0	0	0
Empyema	1	0	1	1	0	0	0	2	0	0	0	1	0	0	0	0
Haemorrhagic infarction of lungs	0	1	1	3	0	0	0	1	0	0	0	0	0	0	0	0
Asthma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Gangrene of the lung	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Abscess of lung	0	0	0	0	0	0	0	2	0	0	0	0	1	2	3	0
Other Diseases of Respiratory System	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
L : Group 8	7	6	13	13	10	6	16	73	3	2	5	6	15	3	18	14
Diseases of the Digestive System																
Ulcer of Stomach	2	0	2	2	0	0	0	1	0	0	0	1	0	0	0	0
Ulcer of Duodenum	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Other dis. of Stomach	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Diarrhoea & Enteritis (under 2)	0	0	0	1	6	7	13	65	1	0	1	1	4	5	9	3
Diarrhoea & Enteritis (over 2)	3	0	3	0	1	1	2	2	0	0	0	0	0	1	1	1
Appendicitis	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0
Hernia	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Intestinal Obstruction	2	0	2	5	1	0	1	3	1	0	1	0	0	0	0	0
Diverticulitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Cirrhosis of liver with alcoholism	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Cirrhosis of liver out alcoholism	0	0	0	1	0	0	0	3	0	0	0	0	2	0	2	1
Acute Yellow Atrophy of Liver	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Other Dis. of Liver	0	0	0	1	0	0	0	2	0	0	0	0	1	0	1	0
Cholecystitis	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Peritonitis	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
L : Group 9	9	0	9	13	8	8	16	80	3	0	3	3	7	6	13	7
s. of Urinary and Genital Systems.																
Acute Nephritis	0	1	1	0	0	0	0	1	0	0	0	1	1	0	1	0
Chronic Nephritis	4	2	6	5	0	0	0	5	0	1	1	0	1	1	2	0
Nephritis Unspecified	1	1	2	0	1	1	2	3	0	1	1	0	0	0	0	0
Pyelitis etc.	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0
Other diseases of Kidneys etc.	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Cystitis	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1
Hypertrophy of Prostate	3	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0
L : Group 10	10	6	16	6	1	1	2	10	0	3	3	1	2	2	4	1
1 C/Forward	103	78	181	128	51	26	77	510	17	17	34	30	54	39	93	64



Deaths Continued

	European				Native				Coloured				Asiatic		
	Residents	N-R			Residents	N-R			Residents	N-R			Residents		
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P
Total B/Forward	103	78	181	128	51	26	77	510	17	17	34	30	54	39	93
XI.Dis. of Pregnancy															
554.Ectopic gestation	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
556.Accidental Haem.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
557.Unspecified "	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
558.Eclampsia of Pregn.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
562.Other dis. & acci- dents of pregnancy	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
564.Haem. from Premature separation of Placenta	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
565.Other Haemorrhages	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
567.Puerperal Sepsis	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
569.Puerperal Embolism and Sudden Death	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
574.Other Accidents of Childbirth	0	0	0	0	0	1	1	5	0	0	0	0	0	0	0
TOTAL : Group 11	0	0	0	1	0	2	2	12	0	0	0	0	0	1	1
XII.Diseases of Skin & Cellular Tissue															
600.Carbuncle, boils	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
602.Other dis. of Skin	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
TOTAL : Group 12	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
XIII.Diseases of Bones															
653.Disease of other organs of movement	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
TOTAL : Group 13	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
XIV.Congenital Malfor- mations.															
700.Congenital Hydrocephalus	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1
701.Spina Bifida & Meningocele	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
702.Congenital Malforma- tion of heart	0	1	1	0	0	0	0	2	0	0	0	0	0	0	0
705.Cleft palate, hardip	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
706.Imperforate Anus	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
708.Other stated Congeni- tal malformations	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0
TOTAL : Group 14	2	2	4	2	1	0	1	3	0	0	0	0	1	0	1
XV.Diseases of First Year of Life.															
750.Congenital Debility	0	0	0	0	0	0	0	1	1	2	3	1	0	0	0
751. Premature Birth	2	3	5	0	6	3	9	21	1	0	1	2	6	4	10
752.Injury at birth - intra-cranial haem.	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0
754.Asphyxia at birth	0	0	0	1	0	0	0	3	0	0	0	0	1	0	1
757.Melaena neonatorum	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
758.Other spec. dis.	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0
TOTAL : Group 15	2	3	5	1	7	3	10	42	2	2	4	3	7	4	11
XVI.Senility															
800. Senility	4	5	9	15	1	0	1	6	0	0	0	1	5	3	8
TOTAL : Group 16	4	5	9	15	1	0	1	6	0	0	0	1	5	3	8
Total C/Forward	111	88	199	149	60	31	91	575	19	19	38	35	67	47	114



## Deaths Continued

	European				Native				Coloured				Asiatic			
	Residents N-R				Residents N-R				Residents N-R				Residents N-R			
	M	F	P	P	M	F	P	P	M	F	P	P	M	F	P	P
B/Forward	111	88	199	149	60	31	101	575	19	19	38	35	67	47	114	72
Violet or Acci-																
ntal Deaths.																
icide by Poisoning																
sive substance	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0
anging or Strangu-																
lation	0	0	0	2	0	0	0	0	0	0	0	0	1	0	1	0
utting or piercing																
instruments	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
omicide by cutting																
instruments	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1
ccidents on R/Wava	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0
ollision with Trains	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
ther accidents -																
driven cycles	0	0	0	3	0	0	0	5	0	0	0	0	2	0	2	0
ther accidents excl																
driven vehicles	2	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0
ther agricultural																
estry accidents	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ccidents caused																
Machinery	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ood Poisoning	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
ccidental Burns	1	0	1	1	0	1	1	4	0	0	0	0	0	1	1	1
ccidental Mechani-																
suffocation	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
ccidental Drowning	1	0	1	1	2	0	2	8	1	0	1	0	0	0	0	0
ccidental injury by																
ng or piercing in-	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
strument.																
ccidental injury by																
fall	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
njury by animals	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
lightning	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
naesthetic accidents	0	0	0	1	0	1	1	2	0	1	1	0	0	0	0	0
ther & unspecified																
accidents	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
rom wounds	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
rom other & unspeci-																
ed causes	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
L : Group XVlll	4	0	4	17	4	2	6	41	1	1	2	1	4	1	5	2
.Ill-Defined Causes																
f Death																
ll-defined causes	2	2	4	0	0	0	0	8	0	1	1	2	1	2	3	3
ound dead, cause																
unknown	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
ther deaths from )																
wn or unspecified)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
causes																
L : Group XVlll	2	2	4	0	0	0	0	10	0	1	1	3	1	2	3	4
TOTAL	117	90	207	166	64	33	97	626	20	21	41	39	72	50	122	78



INFANTILE MORTALITY  
(Under 1 Year)

CAUSES OF DEATH

	European			Native			Coloured			Asiatic			All Non-	
	M	F	P	M	F	P	M	F	P	M	F	P	M	F
015. T.B. Respiratory Sys.	0	0	0	1	0	1	0	0	0	0	0	0	1	0
016. T.B. of Central Nervous System	0	0	0	0	0	0	0	1	1	0	0	0	0	1
025. Miliary T.B.	0	0	0	1	0	1	0	0	0	0	0	0	1	0
043. Congenital Syphilis	0	0	0	0	0	0	0	1	1	0	0	0	0	1
052. Measles	0	0	0	0	0	0	0	0	0	1	0	1	1	0
163. Malnutrition	0	0	0	2	1	3	0	0	0	0	0	0	2	1
206. Unspecified Anaemia	0	0	0	0	0	0	0	0	0	0	1	1	0	1
302. Pneumococcal Meningitis	0	0	0	1	0	1	0	0	0	0	0	0	1	0
303. Other forms of Meningitis	1	0	1	0	0	0	0	0	0	0	0	0	0	0
305. Intracranial haemorrhage	0	0	0	0	0	0	0	0	0	1	0	1	1	0
310. Convulsions	0	0	0	0	0	0	0	0	0	0	2	2	0	2
317. Dis. of Ear and Mastoid	0	0	0	0	0	0	1	0	1	0	0	0	1	0
355. Acute Myocarditis	0	0	0	0	0	0	0	0	0	1	0	1	1	0
402. Acute Bronchitis	0	0	0	0	0	0	0	0	0	2	1	3	2	1
404. Broncho Pneumonia	2	2	4	3	2	5	0	1	1	1	0	1	4	3
405. Lobar Pneumonia	0	0	0	0	1	1	0	0	0	3	0	3	3	1
458. Diarrhoea & Enteritis	0	0	0	3	7	10	1	0	1	2	5	7	6	12
463. Intestinal Obstruction	0	0	0	1	0	1	1	0	1	0	0	0	2	0
469. Other dis. of Liver	0	0	0	0	0	0	0	0	0	1	0	1	1	0
500. Acute Nephritis	0	0	0	0	0	0	0	0	0	1	0	1	1	0
503. Pyelitis, pyelonephritis	0	1	1	0	0	0	0	0	0	0	0	0	0	0
700. Congenital Hydrocephalus	0	0	0	0	0	0	0	0	0	1	0	1	1	0
701. Spina bifida & meningocele	1	0	1	0	0	0	0	0	0	0	0	0	0	0
702. Congenital Malformation of Heart	0	1	1	0	0	0	0	0	0	0	0	0	0	0
705. Cleft Palate, Harelip	1	0	1	0	0	0	0	0	0	0	0	0	0	0
708. Other Congenital Malform	0	1	1	1	0	1	0	0	0	0	0	0	1	0
750. Congenital Debility	0	0	0	0	0	0	1	2	3	0	0	0	1	2
751. Premature Birth	2	3	5	6	3	9	1	0	1	6	4	10	13	7
754. Asphyxia during/after birth	0	0	0	0	0	0	0	0	0	1	0	1	1	0
758. Other specified diseases	0	0	0	1	0	1	0	0	0	0	0	0	1	0
893. Accidental drowning	0	0	0	1	0	1	0	0	0	0	0	0	1	0
951. Ill defined causes	0	1	1	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	9	16	21	14	35	5	5	10	21	13	34	47	32



INFANTILE MORTALITYRESIDENTS

	European	Native	Coloured	Asiatic	All Non-Eur
	M : F : P	M : F : P	M : F : P	M : F : P	M : F : P
During 1st Week	3 : 5 : 8	7 : 3 : 10	1 : 2 : 3	6 : 3 : 9	14 : 8 : 22
1st Week - 3 Weeks	2 : 1 : 3	2 : 0 : 2	0 : 0 : 0	3 : 0 : 3	5 : 0 : 5
1 month - 2 months	1 : 0 : 1	4 : 4 : 8	1 : 1 : 2	4 : 4 : 8	9 : 9 : 18
3 months - 5 months	1 : 1 : 2	3 : 0 : 3	2 : 0 : 2	5 : 2 : 7	10 : 2 : 12
6 months - 8 months	0 : 0 : 0	6 : 1 : 7	0 : 0 : 0	1 : 4 : 5	7 : 5 : 12
9 months - 11 months	0 : 2 : 2	2 : 3 : 5	1 : 2 : 3	2 : 0 : 2	5 : 5 : 10
TOTAL :	7 : 9 : 16	24 : 11 : 35	5 : 5 : 10	21 : 13 : 34	50 : 29 : 79

INFANTILE MORTALITY RATE  
(DEATHS PER 1000 BIRTHS)

	European	Native	Coloured	Asiatic
During 1st Week	8 : 17.6	10 : 41.8	3 : 31.9	9 : 18.0
1st week - 3 weeks	3 : 6.6	2 : 8.4	0 : 0	3 : 6.0
1 month - 2 months	1 : 2.2	8 : 33.4	2 : 21.3	8 : 16.0
3 months - 5 months	2 : 4.4	3 : 12.6	2 : 21.3	7 : 14.0
6 months - 8 months	- : -	7 : 29.3	- : -	5 : 10.0
9 months - 11 months	2 : 4.4	5 : 21.9	3 : 31.9	2 : 4.0
Infantile Mortality Rate	16 : 35.2	35 : 146.6	10 : 106.5	34 : 68.0

PERCENTAGE OF DEATHS AT ALL AGESOCCURRING IN THE FIRST YEAR OF LIFE

European	:	7.7
Native	:	36.1
Coloured	:	24.4
Asiatic	:	27.9
All Non-European	:	30.4
All Races	:	20.3

INFANTILE DEATHS FROM VARIOUS CAUSES EXPRESSED  
AS A PERCENTAGE OF ALL INFANTILE DEATHS

	European	Native	Coloured	Asiatic	All Non-Eur
	No. : %	No. : %	No. : %	No. : %	No. : %
Malnutrition	0 : 0	3 : 8.6	0 : 0	0 : 0	3 : 3.8
Gastro-Intestinal)					
Infections )	0 : 0	10 : 28.6	1 : 10	7 : 20.6	18 : 22.8
Bronchitis & Pneumonia	4 : 25	6 : 17.1	1 : 10	7 : 20.6	14 : 17.7
Malformations	4 : 25	1 : 2.9	0 : 0	0 : 0	1 : 1.3
Congenital Debility	0 : 0	0 : 0	3 : 30	0 : 0	3 : 3.8
Prematurity	5 : 31.3	9 : 25.7	1 : 10	10 : 29.4	20 : 25.3
Injury at Birth	0 : 0	0 : 0	0 : 0	0 : 0	0 : 0
Other Disease peculiar					
to Early Infancy	0 : 0	0 : 0	0 : 0	1 : 2.9	1 : 1.3
Syphilis	0 : 0	0 : 0	1 : 10	0 : 0	1 : 1.3
Other Causes	3 : 18.7	6 : 17.1	3 : 30	9 : 26.5	18 : 22.7
	16 : 100.0	35 : 100.0	10 : 100.0	34 : 100.0	79 : 100.0



PULMONARY TUBERCULOSIS.

DEATHS IN MONTHS OF THE YEAR

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-E		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	2	0	2	0	0	0	0	0	0	1	0	1	1	0	0
August	0	0	0	0	0	0	0	0	0	2	0	2	2	0	0
September	0	0	0	1	1	2	0	0	0	1	1	2	2	2	0
October	1	0	1	0	0	0	0	0	0	1	1	2	1	1	0
November	0	0	0	2	0	2	0	0	0	2	1	3	4	1	0
December	1	0	1	2	0	2	0	1	1	1	0	1	3	1	0
January	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0
February	0	1	1	2	0	2	0	0	0	0	2	2	2	2	0
March	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0
April	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0
May	0	0	0	1	2	3	0	0	0	0	0	0	1	2	0
June	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0
TOTAL :	4	1	5	10	3	13	0	2	2	10	6	16	20	11	31

PULMONARY TUBERCULOSIS DEATH RATES PER 1000 POPULATION

European	:	0.24
Native	:	1.42
Coloured	:	1.26
Asiatic	:	1.73
All Non-European:		1.55

ALL PERSONS : 0.88

DEATHS IN AGE GROUPS

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
0 - 1 year	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
1 - 2 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	1	1	1	0	1	1	1	2
15 - 24 years	0	0	0	1	1	2	0	0	0	1	4	5	2	5	7
25 - 34 years	1	1	2	0	2	2	0	1	1	3	2	5	3	5	8
35 - 44 years	0	0	0	4	0	4	0	0	0	2	0	2	6	0	6
45 - 54 years	0	0	0	3	0	3	0	0	0	0	0	0	3	0	3
55 - 64 years	0	0	0	1	0	1	0	0	0	2	0	2	3	0	3
65 - 74 years	0	2	2	0	0	0	0	0	0	1	0	1	1	0	1
75 and over	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	2	3	5	10	3	13	0	2	2	10	6	16	20	11	31



NON-PULMONARY TUBERCULOSIS  
DEATHS IN MONTHS OF THE YEAR

RESIDENTS

	European	Native	Coloured	Asiatic	All Non-Eur.
	M : F : P	M : F : P	M : F : P	M : F : P	M : F : P
July	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
August	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
September	0 : 0 : 0	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1
October	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1	0 : 0 : 0	0 : 1 : 1
November	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
December	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1	0 : 1 : 1
January	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
February	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1	0 : 1 : 1
March	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
April	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
May	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	1 : 0 : 1
June	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
TOTAL :	1 : 0 : 1	1 : 0 : 1	0 : 1 : 1	1 : 2 : 3	2 : 3 : 5

DEATH RATES PER 1,000 POPULATION

European	:	0.05	
Native	:	0.11	
Coloured	:	0.63	All Persons : 0.14
Asiatic	:	0.33	
All Non-European	:	0.25	

DEATHS IN AGE GROUPS

RESIDENTS

	European	Native	Coloured	Asiatic	All Non-Eur.
	M : F : P	M : F : P	M : F : P	M : F : P	M : F : P
0 - 1 year	0 : 0 : 0	1 : 0 : 1	0 : 1 : 1	0 : 0 : 0	1 : 1 : 2
1 - 2 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
2 - 4 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
5 - 14 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1	0 : 1 : 1
15 - 24 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	1 : 0 : 1
25 - 34 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
35 - 44 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1	0 : 1 : 1
45 - 54 years	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
55 - 64 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
65 - 74 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
75 and Over	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
TOTAL :	1 : 0 : 1	1 : 0 : 1	0 : 1 : 1	1 : 2 : 3	2 : 3 : 5



C A N C E RDEATHS IN AGE GROUPS

## RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Eu		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 - 4 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 34 years	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
35 - 44 years	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
45 - 54 years	0	2	2	0	1	1	0	1	1	1	0	1	1	2	3
55 - 64 years	1	4	5	0	0	0	0	0	0	0	3	3	0	3	3
65 - 74 years	6	4	10	0	0	0	0	1	1	0	0	0	0	1	1
75 and Over	5	4	9	0	0	0	2	0	2	0	0	0	2	0	2
TOTAL :	12	15	27	0	1	1	2	2	4	1	4	5	3	7	10

DEATHS RATES PER 1000 POPULATION

European	:	1.29
Native	:	0.11
Coloured	:	2.51
Asiatic	:	0.54
All Non-European	:	0.50
All Persons	:	0.94

FORMS OF CANCER CAUSING DEATHSGIVEN IN AGE GROUPS

## RESIDENTS ONLY

	0 - 24				25 - 44				45 - 64				65 & over			
	Eur.		N-Eur		Eur		N-Eur		Eur		N-Eur		Eur		N	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Cancer of:-																
100. Buccal Cavity	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0
101. Oesophagus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
102. Stomach & Duodenum	0	0	0	0	0	0	0	0	0	0	1	0	3	3	0	0
103. Rectum	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
105. Pancreas	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0
106. Other dig. organs) incl. peritoneum )	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
107. Larynx	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
109. Lung	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
110. Uterus	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	0
111. Other fem. genital organs	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
112. Breast	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0
113. Prostate	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
116. Skin	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
119. Other & Unspec. Organs	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tumours of undeterm ined nature:-																
132. Ovaries	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
TOTAL :	0	0	0	0	0	1	0	1	2	5	1	5	11	8	2	2



DEATHS DUE TO BRONCHITIS AND PNEUMONIA

(Code Nos.402 - 406)

RESIDENTS: (Given in Month of the Year.

	European			Native			Coloured			Asiatic			All Non-Eur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	2	2	1	0	1	0	0	0	3	0	3	4	0	4
August	1	0	1	2	0	2	1	0	1	0	0	0	3	0	3
September	2	0	2	1	1	2	0	0	0	2	0	2	3	1	4
October	1	1	2	1	0	1	0	0	0	1	1	2	2	1	3
November	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
December	0	0	0	1	2	3	0	0	0	2	0	2	3	2	5
January	0	0	0	1	1	2	0	0	0	1	0	1	2	1	3
February	0	0	0	1	0	1	1	1	2	1	0	1	3	1	4
March	0	1	1	0	1	1	1	0	1	1	0	1	2	1	3
April	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	1	1	2	0	2	2	1	3
June	1	1	2	2	1	3	0	0	0	0	0	0	2	1	3
TOTAL :	6	5	11	10	6	16	3	2	5	14	1	15	27	9	36

RESIDENTS: (Given in Age Groups)

	European			Native			Coloured			Asiatic			All Non-European		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 year	2	2	4	3	3	6	0	1	1	6	1	7	9	5	14
1 year	0	1	1	2	2	4	0	0	0	1	0	1	3	2	5
2 - 4 years	0	1	1	0	0	0	0	0	0	2	0	2	2	0	2
5 -14 years	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
15 -24 years	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
25 -34 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 -44 years	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
45 -54 years	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
55 -64 years	0	0	0	0	0	0	1	1	2	1	0	1	2	1	3
65 -74 years	1	0	1	2	0	2	1	0	1	1	0	1	4	0	4
75 and over	3	1	4	1	0	1	0	0	0	1	0	1	2	0	2
TOTAL :	6	5	11	10	6	16	3	2	5	14	1	15	27	9	36

bronchitis	1	1	2	0	0	0	0	1	1	4	1	5	4	2	6
pneumonia	5	4	9	10	6	16	3	1	4	10	0	10	23	7	30
Total :	6	5	11	10	6	16	3	2	5	14	1	15	27	9	36

DEATH RATES PER 1000 POPULATIONBRONCHITIS: (Code Nos.402,403)PNEUMONIA: (Code Nos.404 - 406)

European	:	0.10
Native	:	0.00
Coloured	:	0.63
Asiatic	:	0.54
All Non-Eur.	:	0.30
All Persons	:	0.20

European	:	0.45
Native	:	1.75
Coloured	:	2.51
Asiatic	:	1.08
All Non-Eur.	:	1.50
All Persons	:	0.95

DISEASES OF THE HEART.

(Code Nos. 350 - 360)

DEATHS IN AGE GROUPS

	European	Native	Coloured	Asiatic	All Non-E
	M : F : P	M : F : P	M : F : P	M : F : P	M : F : P
Under 1 year	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1	1 : 0 : 1
1 year	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
2 - 4 years	0 : 1 : 1	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
5 - 14 years	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 1 : 1	0 : 1 : 1
15 - 24 years	1 : 0 : 1	1 : 0 : 1	0 : 0 : 0	0 : 0 : 0	1 : 0 : 1
25 - 34 years	1 : 0 : 1	0 : 0 : 0	1 : 1 : 2	0 : 0 : 0	1 : 1 : 2
35 - 44 years	0 : 1 : 1	1 : 1 : 2	1 : 0 : 1	2 : 0 : 2	4 : 1 : 5
45 - 54 years	3 : 2 : 5	3 : 1 : 4	1 : 0 : 1	1 : 3 : 4	5 : 4 : 9
55 - 64 years	6 : 9 : 15	2 : 0 : 2	3 : 0 : 3	3 : 2 : 5	8 : 2 : 10
65 - 74 years	12 : 5 : 17	0 : 0 : 0	0 : 0 : 0	1 : 2 : 3	1 : 2 : 3
75 and Over	7 : 18 : 25	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0	0 : 0 : 0
TOTAL :	30 : 36 : 66	7 : 2 : 9	6 : 1 : 7	8 : 8 : 16	21 : 11 : 32

DEATH RATE PER 1000 LIVING

European	:	3.12
Native	:	0.99
Coloured	:	4.50
Asiatic	:	1.73
All Non-European	:	1.60
ALL PERSONS	:	2.39



DEATHS DUE TODIARRHOEA AND ENTERITIS

(Under age of 2 Years.)

(Code No. 458)

RESIDENTS

	European			Native			Coloured			Asiatic			All Non-Tur.		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
July	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
August	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
September	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
October	0	0	0	1	0	1	0	0	0	0	1	1	1	1	2
November	0	0	0	1	0	1	0	0	0	1	0	1	2	0	2
December	0	0	0	1	0	1	1	0	1	0	0	0	2	0	2
January	0	0	0	2	2	4	0	0	0	0	2	2	2	4	6
February	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2
March	0	0	0	1	0	1	0	0	0	1	1	2	2	1	3
April	0	0	0	0	2	2	0	0	0	1	0	1	1	2	3
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL :	0	0	0	6	7	13	1	0	1	4	5	9	11	12	23

DISTRICTS OF RESIDENCE OF CASES OF ENTERICFEVER AND TUBERCULOSIS

	Notifications of Enteric Fever.	Deaths from Tuberculosis
M.Burg Central	12	24
Marikop Valley	0	1
Marbley	1	0
Marltonville (in water supply area)	1	0
Marltonville (outside water supply area)	1	0
Marlton Rise	0	2
Marltonrich (in water supply area)	4	2
Marltonrich (outside water supply area)	0	0
Marlton and Town Bush Valleys	0	0
Marlton Village	0	6
Marlton's Hill		1
Marltonic Housing Scheme	0	0
TOTAL :	19	36

TUBERCULOSIS CLINIC

July 1st, 1942, to June 30th, 1943.

	European				Native				Coloured				Asiatic				Total		
	Bor		O/B		Bor		O/B		Bor		O/B		Bor		O/B		Bor		O/
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M
New Cases	16	23	-	1	73	54	41	11	5	12	3	2	35	35	6	5	129	124	50
Total Attendances	38	74	2	3	302	134	82	19	43	40	23	8	111	95	9	4	494	343	116
Sputa Examined	1	1	-	-	2	2	1	1	-	-	-	-	1	1	-	-	4	4	1
Sputa Positive	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-
X-Ray Exams.	26	33	-	-	73	50	41	6	15	24	3	1	55	54	5	5	169	161	49
" "Positive	4	1	-	-	19	11	10	3	8	6	2	-	12	13	2	1	43	31	14
Positive Diagnosis made	1	1	-	-	4	3	4	1	-	1	1	-	5	2	1	0	10	7	6
Admitted to Hospital from Clinic	1	1	-	-	5	1	1	1	-	-	-	-	2	3	-	-	8	5	1
Contacts Examined	7	9	-	-	4	26	-	-	2	9	-	-	18	28	-	-	31	72	-
Borough Cases Admitted to Hospital direct. (Not through T.B. Clinic.)					EUR. M : F		NAT. M : F		COL. M : F		AS. M : F		TOTAL M : F : PERSONS						
					4 : 0		13 : 2		0 : 0		6 : 2		23 : 4 : 27						
Borough Cases admitted to King George V Hospital (Not through T.B. Clinic)					1 : 1		0 : 0		0 : 0		2 : 1		3 : 2 : 5						

HOME VISITS TO TUBERCULOTICS AND THEIR CONTACTS

( To Borough Residents Only )

European	:	139
Native	:	768
Coloured	:	616
Asiatic	:	462
<hr/>		
Total	:	1,985
<hr/>		



CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1943.

	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Other Clinics				D Undergoing Course 11				E Undergoing Course 111				F Undergoing Course 1V of Treatment				G Undergoing Course V of Treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
European																																
1.																																
2.																																
3.																																
4.																																
5.																																
6.																																
7.																																
8.																																
9.																																
10.																																
11.																																
12.																																
13.																																
14.																																
15.																																
16.																																
17.																																
18.																																
TOTAL	0	0	0	0	5	7	10	1	2	1	0	0	21	22	0	16	21	11	0	0	22	14	0	0	42	4	0	0	202	90	0	23

19. Discharged on Probation. BOROUGH: Males 3.



NATIVE	A Transferred to Hosnital				B New Cases				C Transferred from Hosnital & Other Clinics				D Undergoing Course 11 of Treatment				E Undergoing Course 111 of Treatment				F Undergoing Course 1V of Treatment				G Undergoing Course V of Treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1.			2						19	3	13	3	47		24		32				28				9	3	3	3	213	16	87	11
2.	5		4	1	3		2		51	11	27	11	164	39	50	24	112	22	3	3	75	14	3	3	21	9	3		612	160	213	67
3.	4	7	2	9				2	34	44	36	99	244	139	63	315	77	43	31	181	41	25	35	72	19	2	6	501	489	299	117	
4.					1		1		4	7	6	7	18	15	12	25	13	19	12	16	11	22	7	1	28		1	82	120	55	108	
5.	2		3	2	12	8	8	21	46	64	37	221	296	244	97	649	145	166	18	306	86	101	37	220	67	94	35	120	1034	1178	508	343
6.													10				6								15			36			1	
7.			3	4	2	12	12	18		6	2	15	19	28	36	54	1	3	7	16	6	6		10	12			3	48	50	240	313
8.			3	1			2	1			3	3	4	1	2	17	8	8		12			26	1	1			10	2	15	63	55
9.	3	4	8	1	2	1	2	1	10	14	9	27																170	173	102	239	
10.																																4
11.																																
12.	1					1			3	1	2	2																53	5		8	2
13.																																
14.									3	1	1	1	1												29	1					5	3
15.			1						1		1	3													15						2	7
16.																																
17.			2	1	45	17	53	63	20	14	27	65																205	116	293	430	
18.										6	4	17																				
TOTAL	15	11	28	19	66	26	80	96	203	170	181	479	289	467	299	1075	394	253	83	524	241	168	108	306	135	136	47	143	3007	2329	1881	5517



Coloured	A Transferred to Hospital				B New Cases				C Transferred from Hospital & Other Clinics				D Undergoing Course III of Treatment				E Undergoing Course III of Treatment				F Undergoing Course IV of Treatment				G Undergoing Course V of Treatment				H Total Attendances			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1.																																
2.											1																					
3.																																
4.																																
5.																																
6.																																
7.																																
8.																																
9.																																
10.																																
11.																																
12.																																
13.																																
14.																																
15.																																
16.																																
17.																																
18.																																
TOTAL	0	0	1	0	5	2	3	2	4	16	6	3	3	63	0	8	0	61	0	0	0	52	0	0	1	20	12	9	503	1823	40	

19. Discharged on Probation. Borough: M 4. F 4. O/Borough: M -. F 2.

20. Discharged Finally Cured. Borough: M 2. F 1. O/Borough: M-. F 1.



CLINIC ATTENDANCES FOR THE YEAR ENDING 30th JUNE, 1943.

19. Discharged on Probation. Borough: M 1. F 1. O/Borough: M --. F --.



V.D. HOSPITAL: RETURNS		In Hospital last day of month		Admitted from Pass Office & Gaol		Admitted Voluntary & from V.D. Clinic		0-14 days		15-28 days		29-42 days		43-56 days		57 + days	
Native		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1. Seroneg. Prim. Syphilis		11	2	18	-	-	-	32	3	41	1	19	-	18	1	14	3
2. Seropos. Prim. Syphilis		58	6	120	21	10	-	94	10	158	45	42	5	45	10	43	6
3. Secondary Syphilis		30	23	57	150	7	-	5	2	52	297	25	11	47	128	28	32
4. Tertiary Syph. (Clinical)		-	-	1	2	-	-	-	-	4	3	-	-	1	-	-	2
5. Endosyphilis (Serological)		3	4	9	20	3	1	6	4	20	51	4	2	10	30	4	3
6. Neurosyphilis.		-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
7. Cong. Syph. Under 1 year.		-	-	10	13	-	-	1	1	27	28	-	1	9	16	1	16
8. Cong. Syph. over 1 year		-	-	1	3	-	-	-	-	8	7	-	-	2	3	-	3
9. Gonorrhoea		47	11	63	62	6	2	1	1	86	107	17	12	19	47	34	13
10. G.C. Vulvo-vaginitis																	
11. G.C. Ophthalmia			2		1			1		10	14	1		8	11		1
12. Ulcus Molle		7	7	3		2		9	2	13	4	2	1	2		11	1
13. Lymph. Venereum																	3
14. Gran. Venereum		2	1	5	1	1		3	1	3	1	1		1	1	2	1
15. Venereal Warts		3	1	9	5	3		5	3	17	6	7		11	2	3	1
16. Phagedaena						1				3							
17. Suspected V.D.		22	4	16	33	4	-	1	-	69	106	18	12	55	76	2	-

No. of Individuals admitted) Male: Borough 181 Females: Borough 108  
during Year. ) O/Borough 545 O/Borough 622

No. of individuals discharged) Male: Borough 274 Females: Borough 102  
during Year. ) O/Borough 554 O/Borough 621

Borough O/Borough  
~~Male~~ Female Male Female

No. of Patients suffering from 2 or more Venereal Diseases. )  
30 : 3 47 : 35



Venereal Disease Continued

EPIDEMIC (V.D.) HOSPITAL RETURNS

YEAR ENDING 30th JUNE, 1943

A										B				C				D				E				F				G				H																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
In Hospital last day of precdg. year										Admitted from Pass Office & Gaol				Admitted from Out-patient & from V.D. Clinic				0-14 Days				15 - 28 Days				20 - 42 Days				43 - 56 Days				57+ Days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
M		F		M		F		O/B		M		F		M		F		O/B		M		F		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B		M		F		O/B	

Borough O/Borough  
Male Female Male Female

Borough O/Borough  
Male Female Male Female

No. of Individuals )  
admitted during year ) 4 12 4 1

No. of Individuals )  
discharged during year ) 4 10 1 1

No. of Patients suf- )  
fering from 2 or more )  
Venereal Diseases )



Venereal Disease Continued

EPIDEMIC (V.D.) HOSPITAL RETURNS.

YEAR ENDING 30th JUNE, 1943

	A In Hospital last day of predcg. year				B Admitted from Pass. Office & Gaol				C Admitted Vol- untary & from V.D. Clinic				D 0 - 14 Days				E 15 - 28 Days				F 29-42 Days				G 43-56 Days				H 57 + Days			
	Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B		Bor.		O/B					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				
Asiatic																																
1	2								2				1				1															
2	3		1	1					6			1					3		1													
3	1								4	3		1			2	3	1		2													
4																																
5									1						1																	
6																																
7																																
8																																
9	1		1						2	2	2			2	2	1																
10																																
11										2				2																		
12	1								1							2																
13																																
14																																
15									1																							
16																																
17									1	1	3			1		4																
Total	8		2	1					18	8	7		9	7	6		1		2													

Borough

O/Borough

Male

Female

Male

Female

No. of Individuals admit-  
ted during year

No. of Individuals dis-  
charged during year

No. of Patients  
suffering from 2  
or more Venereal  
Diseases.

15

14

7

6

6

0

1

1







Venereal Disease ContinuedKEY TO VENEREAL DISEASE CLINIC AND HOSPITAL RETURNS

1. Seronegative Primary Syphilis.
2. Seropositive Primary Syphilis.
3. Secondary Syphilis.
4. Tertiary Syphilis (clinical).
5. Endosyphilis (Serological).
6. Neurosyphilis.
7. Congenital Syphilis under 1 year.
8. Congenital Syphilis over 1 year.
9. Gonorrhoea.
10. Gonococcal Vulvo Vaginitis.
11. Gonococcal Ophthalmia.
12. Ulcus Molle.
13. Lymphopathia Venereum.
14. Granuloma Venereum.
15. Venereal Warts.
16. Phagedaena.
17. Suspected Venereal Disease which proved Non-Venereal.
18. Suffering from 2 or more venereal diseases.
19. Discharged on Probation.
20. Discharged finally.

DAILY AVERAGE OF IN-PATIENTS AT MUNICIPAL EPIDEMIC HOSPITAL(Non-European Venereal Diseases)

MALE : 37.5

FEMALE : 33.3

TOTAL : 70.8

VENEREAL DISEASE HOME VISITS BY NATIVE HEALTH ASSISTANTS

Native		Coloured		Asiatic		Total		
M	F	M	F	M	F	M	F	P
862	715	45	129	91	88	998	932	1930



## ISOLATION HOSPITAL (EUROPEAN) &amp; NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

CASES ADMITTED JULY 1st 1942 to JUNE 30th 1943.

	Borough Cases	Out-of-Borough Cases	Total Cases
	E : N : C : A : Total	E : N : C : A : Total	Borough and Out/Borough
Scarlet Fever	48 : - : - : - : 48	- : - : - : - : -	48
Measles	115 : 28 : 2 : 1 : 146	9 : 19 : - : - : 28	174
Diphtheria	40 : 3 : 2 : - : 45	20 : 19 : - : 2 : 41	86
Mumps	26 : 3 : 4 : - : 33	6 : 3 : - : - : 9	42
Whooping Cough	5 : 3 : - : - : 8	- : 4 : - : - : 4	12
Chicken Fox	40 : 18 : 1 : - : 59	- : 13 : - : - : 13	72
Meningitis	1 : 3 : 1 : - : 5	3 : - : - : - : 3	8
German Measles	11 : - : 1 : - : 12	- : 1 : - : - : 1	13
Ant.Poliomyelitis	3 : - : - : - : 3	1 : - : - : - : 1	4
Observation	1 : - : - : - : 1	1 : - : - : - : 1	2
Parotitis	1 : 2 : - : - : 3	- : - : - : - : -	3
Erythematous Rash	1 : - : - : - : 1	- : - : - : - : -	1
Tonsillitis	1 : - : - : - : 1	1 : - : - : - : 1	2
Scabies	4 : 3 : 5 : 1 : 9	- : - : - : - : -	9
Erysipelas	- : 2 : - : - : 2	- : - : - : - : -	2
Laryn.Diphtheria and Whooping Cough	- : - : - : - : -	- : - : - : 1 : 1	1
Pulmonary T.B.	- : 21 : 6 : 15 : 42	- : 37 : 5 : 3 : 45	87
Pulm.T.B.& Wh. Cough	- : 1 : - : - : 1	- : - : - : - : -	1
Acute Stomatitis	- : 1 : - : - : 1	- : - : - : - : -	1
Leprosy	- : 2 : 1 : - : 3	- : 9 : - : - : 9	12
Trachoma	- : 1 : - : - : 1	- : - : - : - : -	1
Ringworm	- : - : - : - : -	- : 1 : - : - : 1	1
Peritonsillar Abscess	- : 1 : - : - : 1	- : 1 : - : - : 1	2
Thrush	- : 1 : - : - : 1	- : - : - : - : -	1
Impetigo	- : 1 : - : - : 1	- : - : - : - : -	1
TOTAL :	293 : 94 : 23 : 17 : 427	41 : 107 : 5 : 6 : 159	586



ISOLATION HOSPITAL (EUROPEAN)

AND

NON-EUROPEAN INFECTIOUS DISEASES HOSPITAL

The following alterations in Diagnosis were made following observation in Hospital.

BOROUGH CASES.

- case (Eur.) the diagnosis of Scarlet Fever was altered to Erythematous Rash
- case (Col.) the diagnosis of Chicken Pox was altered to Erythema Multiforme
- case (Nat.) the diagnosis of Chicken Pox was altered to Nil Abnormal.
- case (Eur.) the diagnosis of Diphtheria was altered to Diphtheria Carrier.
- case (Eur.) the diagnosis of Diphtheria was altered to Follicular Tonsillitis
- case (Nat.) the diagnosis of Diphtheria was altered to Thrush
- case (Nat.) the diagnosis of Diphtheria was altered to Peritonsillar Abscess.
- case (Eur.) the diagnosis of Meningitis was altered to Antr.Poliomyelitis.
- case (Eur.) the diagnosis of Observation was altered to Antr.Poliomyelitis.
- case (Eur.) the diagnosis of Observation was altered to Tick Bite Fever.
- case (Nat.) the diagnosis of Erysipelas was altered to Dermatitis Venenata.
- case (Nat.) the diagnosis of Mumps was altered to Follicular Tonsillitis.
- case (Eur.) the diagnosis of Measles was altered to German Measles.
- case (Nat.) the diagnosis of Measles was altered to Scabies.
- case (Nat.) the diagnosis of Measles was altered to Impetigo.
- case (Nat.) the diagnosis of Measles was altered to Acute Stomatitis.

OUT/BOROUGH CASES.

- case (Eur.) the diagnosis of Diphtheria was altered to Tonsillitis.
- case (Nat.) the diagnosis of Leprosy was altered to Ringworm.
- case (Nat.) the diagnosis of Chicken Pox was altered to Nil Abnormal.
- case (Nat.) the diagnosis of Typhoid Carrier was altered to Not a Carrier.



INFANT WELFARE.1. INFANT CLINICS.

	European	Native	Coloured	Asiatic
<u>NEW CASES:</u> Under 1 Year	274	252	80	179
Over 1 Year	34	13	4	1
<u>OTHER ATTENDANCES</u>				
Under 1 Year	3522	2345	785	1865
Over 1 Year	1563	828	389	702
TOTAL	5393	3438	1258	2747
Number on Register	678	376	171	261
Average Attendance per person	7.9	9.1	7.3	10.5

2. HOME VISITS.

	European	Native	Coloured	Asiatic	Total
Ante-Natal	23	13	39	226	301
First Visits - )	429	93	126	604	1252
(Notified births) )					
Re-Visits - 1 year	813	1903	801	1985	5502
Re-Visits: 1-6 yrs.	971	1113	1534	3041	6659
Infectious Disease)					
(Non-T.B.) )	131	17	4	23	175
Protected Children	21	0	26	22	69
Confinement Visits	0	12	0	0	12
Infantile Mortality )					
Visits	10	25	15	10	60
Nursing Home Visits	8	0	0	0	8
TOTAL :	2406	3176	2545	5911	14038

3. MILK DISTRIBUTED.

	European	Native	Coloured	Asiatic	Total
Fresh - Pints	3485	2707	2690	5511½	12863½
Dried - lbs.	0	0	21	2	23



FOODSTUFFS

MILK.

Bacteriological Examination

Samples with less than 30,000 bacteria per c.c.	:	37	(inc. 2 Pasteurised)
" " between 30,000 and 200,000 bacteria)			
" " per c.c.	:	55	( " 1 " )
" " more than 200,000 bacteria per c.c.	:	49	( " 1 " )
		<u>141</u>	( " 4 " )
Samples with B.Coli in 1/100 c.c. or less		77	(inc. 3 Pasteurised)
" " B.Coli in 1/10 but not in 1/100 c.c.		34	
" " no B.Coli in 1/10 c.c.		30	(inc. 1 Pasteurised)
Total		<u>141</u>	( " 4 " )

Chemical Examination (by Government Analyst)

Samples with Milk Fat above 4%	28
" " " " between 3.5% and 4%	12
" " " " " 3.0% and 3.5%	12
" " " " below 3.0%	0
Total.	<u>52</u>
Samples with Solids-Not-Fat 8.5% or more	22
" " " " " between 8.0% and )	
" " " " " 8.5% )	28
" " " " " below 8.0%	2
	<u>52</u>

ICE CREAM.

Samples of Ice Cream conforming to standard	:	2
" " " " not " "	:	0
Total	:	<u>2</u>

MEAT.

Samples of Mince Meat conforming to standard	:	3
" " " " not " "	:	0
Total	:	<u>3</u>

WATERS. (Bacteriological examination by Bio-Chemist - City Engineer's Department.)

(Results recorded in accordance with method laid down by Ministry of Health, Public<sup>n</sup>. No. 71, 1939)

MUNICIPAL WATER SUPPLY.

<u>Probable No. of Organisms</u> <u>in 100 c.c.</u>	<u>No. of Samples</u>
0.....	187
1.....	34
2.....	8
3.....	7
Total	: <u>236</u> Samples

MUNICIPAL SWIMMING BATHS

<u>Probable No. of Organisms</u> <u>in 100 c.c.</u>	<u>No. of Samples</u>
0.....	77
1.....	1
Total	: <u>78</u>



FOODSTUFFS CONDEMNED AS UNFITFOR HUMAN CONSUMPTION

The following foodstuffs were inspected and condemned in the Municipal Market and in Shops within the Borough :-

Almonds (shelled)	.....	2 cases
Apricots	.....	27 trays, 2 boxes
Apples	.....	4 boxes, 1 pocket
Asparagus	.....	2 tins
Bacon	.....	6 $\frac{1}{2}$ lbs. 1 piece
Beans	.....	10 pockets, 17 bags, 1 box
" Baked	.....	40 tins
Beef (Curried)	.....	15 lbs. 3 tins
" (Corned)	.....	4 tins
Bananas	.....	19 boxes, 7 trays
Barley Water	.....	4 bottles
Brawn	.....	1 dish
Cabbages	.....	130 Sacks
Cauliflower	.....	11 bags
Cucumber	.....	15 bags
Camp Pies	.....	4 tins
Cane Syrup	.....	1 tin
Cheese	.....	51 $\frac{1}{2}$ lbs.
Cherries	.....	1 tray, 1 box
Carrots	.....	1 pocket, 6 bags
Chutney	.....	2 bottles
Coffee	.....	1 packet
Cornflour	.....	4 packets
Curry Powder	.....	1 tin
Duck (Dressed)	.....	10, Tinned - 4 tins
Eggs	.....	330 dozen
Fowls (Dressed)	.....	117
Fowls (Not Dressed)	.....	15
Fowls (Guinea)	.....	4
Fish Paste	.....	12 tins - Fish & Meat Paste 51 jars
Fish	.....	5292 $\frac{1}{2}$ lbs. 14 cases
Fish (tinned)	.....	62 tins. 7 tins Curried Fish
Fruit Squash	.....	7 bottles
Fruit - tinned	.....	32 tins
Grape Nuts	.....	10 packets
Granadilla	.....	1 tray
Ginger Wine	.....	1 bottle
Gravy Browning	.....	5 bottles
Herrings	.....	79 tins
Ham (Cooked)	.....	1 tin
Jam	.....	116 tins
Mealie Cobs	.....	1 pocket, 8 bags
Milk	.....	6 tins
Marrow	.....	1
Mangoes	.....	14 trays
Meat Extract	.....	32 jars
Nutmegs	.....	2 tins
Nectarines	.....	4 boxes
Onions	.....	41 sacks
Olives	.....	1 bottle
Oatmeal	.....	1 packet
Oranges	.....	1 bag
Ovaltine	.....	4 tins
Peaches	.....	69 boxes
Plums	.....	7 boxes
Pineapples	.....	6 boxes, 22 trays
Potatoes	.....	308 sacks
Potatoes (Sweet)	.....	9 sacks
Paw-Paws	.....	36 boxes, 7 cases
Pickles	.....	2 tins, 60 bottles
Peanut Butter	.....	2 Pots

Pears...../

Foodstuffs Condemned as Unfit  
for Human Consumption Continued.

Pears	.....	3 trays
Pilchards	.....	71 bottles
Pickles	.....	10 bottles
Peas	.....	62 bags, 79 pockets. tinned peas 23 tins
Raisins	.....	3 packets
Rice	.....	1 lot
Sausages	.....	27 tins, 10 lbs.
Soup	.....	99 tins, 11 packets
Sardines	.....	56 tins
Seasoning Powder	.....	1 tin
Spaghetti	.....	1 tin
Salad Dressing	.....	7 bottles
Strawberries	.....	1 box
Sugar	.....	4 pockets
Sweet Corn	.....	24 tins
Tomatoes	.....	227 trays, 78 Cases.
Tongue	.....	4 tins
Tomato Sauce	.....	25 bottles, 22 tins
Worcestershire Sauce	.....	2 bottles
Watermelons	.....	549
Xmas Puddings	.....	1 tin

.....



A B A T T O I R1. ANIMALS SLAUGHTERED:

Cattle	:	15,500
Calves	:	701
Sheep	:	72,203
Pigs	:	2,673
Goats	:	12
Total	:	<u>91,089</u>

2. ANIMALS EXAMINED AFTER SLAUGHTER IN OTHER ABATTOIRS:

Quarters Beef	:	1,252
Carcases Mutton	:	608
Carcases Pork	:	1

3. INCIDENCE OF CERTAIN DISEASES

DISEASE	Carcases Examined	Carcases Infected	% Infected	Carcases Condemned	% Con- demned
CATTLE - "Measles" (Cysticercus Bovis)	15,500	1,157	7.46%	148	0.95%
CALVES - "Measles" (Cysticercus Bovis)	701	39	5.56%	39	5.56%
PIGS - "Measles" (Cysticercus Cellulosae)	2,673	44	1.64%	44	1.64%
CATTLE - Tuberculosis	15,500	56	0.36%	15	0.10%
CALVES - Tuberculosis	701	0	0	0	0
PIGS - Tuberculosis	2,673	84	3.14%	10	0.37%

4. SUMMARY OF MEAT CONDEMNED:

	Carcases	Approx. Weight.
BEEF	222	108,525 lbs.
BEEF : Portions of Carcases, Or- gans etc. )	-	198,250 lbs.
VEAL	55	2,465 lbs.
PORK	62	6,910 lbs.
PORK : Organs, etc.	-	2,895 lbs.
MUTTON	123	4,095 lbs.
MUTTON : Organs, etc.	-	54,316 lbs.
Total :		377,456 lbs.

## Abattoir Continued

## MEAT CONDEMNED (Approximate Weight)

Statement of Carcases and Meat Found to be affected  
with disease and unfit for human consumption :  
1.7.42. - 30.6.43.

	BOVINES			PIGS			SHEEP AND GOATS		
	Condemned			Condemned			Condemned		
	Car- cases Infec- ted.	Whole Car- ses.	Port- ions of Car- cases Approx. Weight	Car- cases Infec- ted	Whole Car- cases	Por- tions of Car- cases Approx. Weight	Car- cases Infec- ted	Whole Car- cases	Por- tions of Ca- cases Approx. Weigh
Actinomycosis	94	-	4,335	-	-	-	-	-	-
Anthrax	1	1	-	-	-	-	-	-	-
Measles	1157	148	151,350	44	44	-	-	-	-
" (Veal	39	39	-	-	-	-	-	-	-
Lymphadenitis	-	-	-	-	-	-	79	79	-
Malignant Tumours	9	9	-	-	-	-	1	1	-
Ammitis	1	1	-	-	-	-	-	-	-
Pneumonia-Septic	1	1	-	2	2	-	2	2	-
Jaemia	7	7	-	2	2	-	-	-	-
Tricocysts	3	3	-	1	1	-	-	-	-
Septicaemia	3	3	-	2	2	-	-	-	-
Tuberculosis	56	15	1,640	84	10	995	-	-	-
Haemia	-	-	-	-	-	-	4	4	-
Mac. & Oedema	20	20	-	-	-	-	13	13	-
Decomposition	-	-	1,500	-	-	-	-	-	-
Cruising	7	7	7,925	-	-	200	1	1	116
Jaundice	3	3	-	1	1	-	3	3	-
" (Veal	1	1	-	-	-	-	-	-	-
Emaciation, Veal	8	8	-	-	-	-	13	13	-
Ever	-	-	-	-	-	-	7	7	-
Immaturity, Veal	7	7	-	-	-	-	-	-	-
Ball Sickness	3	3	-	-	-	-	-	-	-
Jaemia	1	1	-	-	-	-	-	-	-
Gilisia Hepatica, ) Luke, Cysts, O. Col- ) Bubianum, Lymphaden- ) Cis, Abscesses etc.)	-	-	37,500	-	-	1,700	-	-	54200



LICENCE APPLICATIONS

(1) Applications dealt with under Licenses (Control)  
and Municipal Licenses Order No.19 of 1942  
and the Borough By-Laws

1942-1943	1	2	3	4	5	6	7	8	9	10	11	12
Applications ) Received )	528	148	22	98	120	11	36	214	36	132	17	16
Applications ) approved with-out ) conditions )	508	138	20	70	106	9	30	204	28	114	17	15
Applications ) approved subject ) to conditions ) since carried out)	20	10	2	27	12	2	6	10	8	15	0	
Applications not )) in order )	0	0	0	1	2	0	1	0	1	3	0	
Applications ) withdrawn )	0	0	0	0	0	0	0	0	0	0	0	
Applications in ) abeyance )	0	0	0	0	0	0	0	0	0	0	0	

KEY TO ABOVE TABLE:-

1. General Dealers.
2. Aerated Water Manufacturers & Dealers.
3. Butchers.
4. Boarding Houses.
5. Eating and Refreshment Rooms.
6. Bakers.
7. Hairdressers.
8. Hawkers & Pedlars.
9. Laundries.
10. Produce Dealers.
11. Places of Entertainment.
12. Others.

(2) Applications dealt with under Urban Area Act.

Applications received .. .. .	24
Applications returned "Not in Order" .. .. .	4
Applications approved for Temporary Licence. ..	18
Applications approved subject to certain Conditions ..	2

S A N I T A T I O N

Total of Inspections (General) carried out....	9,493
Total of Inspections by Rodent and Fumigation Officer	1,833
Total of Notices and Letters served re Con- travention of By-Laws )	849

INSPECTION (GENERAL) GIVEN IN DETAIL 1.7.42 to 30.6.43.

1. Public Markets.....	299
2. Butchers' Shops.....	92
3. Dealers and General Dealers (Food).....	259
4. Dealers and General Dealers (No Food).....	19
5. Fish and Poultry Shops.....	27
6. Bakers' Shops (without Bakehouse).....	0
7. Bakehouses.....	8
8. Milkshops (Purveyors of Milk).....	3
9. Ice Cream (Purveyors and Manufacturers of).....	0
0. Tea Shops, Cafes, Restaurants & Eating Houses.....	61
1. Residential Hotels, Boarding Houses.....	32
2. Aerated Water Manufacturers.....	2
3. Other places where food is manufactured.....	0
4. Hawkers Premises.....	0
5. Hawkers' Carts.....	0
6. Butchers' Carts and Carriers.....	0
7. Milk Delivery Carts.....	0
8. Bakers' Carts.....	1
9. Ice Cream Carts.....	0
0. Theatres and Bioscopes.....	15
1. Common Lodging Houses.....	6
2. Barracks.....	101
3. Other House Inspections.....	227
4. Hairdressers.....	5
5. Laundries.....	13
6. Factories and Workshops.....	51
7. Courts, Lanes and Alleys.....	17
8. Open Ground.....	495
9. Piggeries.....	17
0. Horse Stables.....	40
1. Dairy Stables and Dairies.....	506
2. Cattle Dealers' Premises.....	0
3. Visits in connection with Infectious Disease.....	413
4. Standing Water, Catchpits, re Mosquitoes etc.....	11
5. Undrained premises.....	1
6. Public Sanitary Conveniences.....	605
7. Refuse Tips.....	32
8. Other Visits.....	2,582
9. Structural Defects in Premises.....	1

C/Forward : 5,942



Sanitation Continued.

B/Forward ..... 5,942

Inspection by Rodent and Fumigation  
Officer

46. Rodent Inspections .....	2	
47. Premises fumigated for Vermin.....	688	
47a Other visits in connection with fumiga- tion	402	
48. Disinfections.....	15	
49. Disinfection of Bedding and Clothing ...	16	
50. Other Inspections by Rodent Officer.....	710	1,833

REPORTS FOR TRANSMISSION TO  
OTHER MUNICIPAL DEPARTMENTS(1) City Engineer's Department

40. Stopped Drains.....	4	
41. Defective Water Fittings.....	1	
42. Other Defects.....	33	
43. Unauthorised structures.....	0	
44. Sites, etc., re plans.....	212	249

(2) Municipal Native Administration  
Department

45. Inspection of Premises under) Urban Areas Act )	76	76
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(3) Licensing Department

51. Inspection of Premises re) Licence Applications )		1,393
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Total : 9,493

(a) Under Public Health By-Law No. 19(a): (Closing Order):	0
(b) Under Public Health By-Law No. 19(b): (Demolition):	
Premises.....	6
(c) Under Slums Act :.....	0
(d) Voluntary Demolitions :	
Premises .....	1
Total :	<u>7</u>









